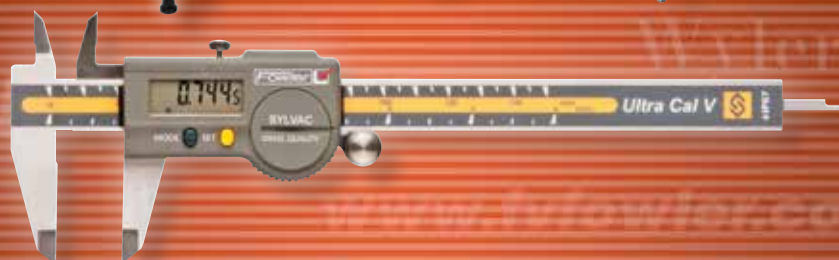


Fowler

HIGH PRECISION



TOOL-A-THON

Volume 15.1

Visit our NEW Website www.fowlerprecision.com

HEIGHT GAGES

FOWLER-TRIMOS V3 & V4 ELECTRONIC HEIGHT GAGES

The **NEW** Fowler-Trimos V3 and V4 vertical measuring instruments have been developed for the most difficult workshop environments. Manufactured in their entirety in Switzerland, they guarantee a robust, precise and reliable product in the long run.

- Measuring ranges 400mm and 700mm
- Extremely easy to use
- "Black mask" display with user friendly functions
- Electronically adjustable measuring force
- Battery life: approximately 40 hours (lithium-ion batteries)
- Vast range of accessories
- All adjustments possible without tools
- Cast iron base for optimal stability
- RS232 and USB interfaces
- Air cushion (V4 Only)
- Dual probe holders (V4 Only)
- Measures heights, diameters, perpendicularity, centerlines, Min/Max/Delta
- Accessory measuring probes up to 340mm in length available and provide excellent repeatability

V3 and V4 includes:

- Charging unit
- Measuring insert with ruby ball Ø4mm
- Probe holder elbow Ø 8mm
- Setting gage
- User's manual
- Test certificate

NEW!



FREE Swiss Pocket Knife with Purchase!



V3	J54-192-340	J54-192-370
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	20"/508mm	31.9"/812mm
Max. Permissible Errors	0.00032"/0.008mm	0.00032"/0.008mm
Repeatability (2s)	0.00008"/0.002mm (Ø 0.00016"/0.004mm)	0.00008"/0.002mm (Ø 0.00016"/0.004mm)
Frontal Squareness Deviation	0.0004"/0.010mm	0.0006"/0.015mm
Resolution	0.00005"/0.001mm	0.00005"/0.001mm
Measuring Force (N)	0.75 / 1.5	0.75 / 1.5
Battery Life (Hrs)	40	40
Interfaces	USB/RS232	USB/RS232
Air Cushion	NO	NO

V4	J54-191-440	J54-191-470
Measuring Range	16"/407mm	28"/711mm
Range with Probe inverted	28.3"/719mm	40.2"/1023mm
Max. Permissible Errors	0.0002"/0.005mm	0.00028"/7mm
Repeatability (2s)	0.00008"/0.002mm (Ø 0.00016"/0.004mm)	0.00008"/0.002mm (Ø 0.00016"/0.004mm)
Frontal Squareness Deviation	0.0004"/0.010mm	0.0006"/0.015mm
Resolution	0.00005"/0.001mm	0.00005"/0.001mm
Measuring Force (N)	0.75 / 1.5	0.75 / 1.5
Battery Life (Hrs)	40	40
Interfaces	USB/RS232	USB/RS232
Air Cushion	YES	YES



Order No.	Description	Range	List Price
J54-192-340	NEW V3 Height Gage	16"/407mm	\$4543.00
J54-192-370	NEW V3 Height Gage	28"/711mm	4888.00
J54-191-440	NEW V4 Height Gage	16"/407mm	5980.00
J54-191-470	NEW V4 Height Gage	28"/711mm	6889.00

HEIGHT GAGES

HI_GAGE ONE

The Sylvac measuring system is exceptionally fast (60" per second traverse) and is the most reliable and maintenance free system ever created for measurement

- True inch/metric conversion
- Resolution: .0005"/.01mm
- Repeatability: .0004"/10µm
- Base size: 5.6" wide x 6.8" length
- Accuracy .0016"/.002"
- Includes scriber/measuring probe
- Direct RS-232 output
- *Scale not affected by oil, dust, chips, magnetism, shock, etc.*



***Receive a FREE 8mm Ball Probe with Purchase!**

Order No.	Range	List Price	Sale Price
J54-212-016-1	16"/400mm	\$1385.00	\$1250.00
J54-212-024-1	24"/600mm	1725.00	1399.00



J54-212-024-1

HI_CAL HEIGHT GAGE

- Extra low measuring force, from 0.2N
- Measurement of internal and external diameters, centerlines, heights, widths, depths, surfaces
- MIN/MAX/TIR capability
- Excellent repeatability thanks to the motorized carriage
- Intuitive functions/minimizes key strokes
- Great mobility
- High reliability
- Data output USB and RS-232
- Battery life: 40 hours rechargeable during operation
- Touch sensitive probe speed for easy operation
- Base with small footprint

Includes: protective cover, charging set, ruby ball probe Ø3mm, setting gage and calibration certificate.



J54-931-300

Save \$400



Order No.	Range	Accuracy	List Price	Sale Price
J54-931-150	6"/150mm	.00013"/.0034 µm	\$4437.00	\$4037.00
J54-931-300	12"/300mm	.00016"/.0042 µm	5099.00	4699.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

CALIBRATION

QUICK CHECK

Multi-Function Check Standard

NEW!



- One compact, multi-function, precise standard
- Can be used to check and verify a multitude of measuring instruments
- Checks calipers, micrometers, depth gages, bore gages, test and dial indicators, caliper gages, height gages, protractors, combination sets and more
- Supplied with a manufacturer's test certificate and fitted wood case
- All sizes marked are actual



Order No.	Description	List Price	Sale Price
J53-813-015	NEW Quick Check Multi-Function Check Standard	\$1490.00	\$1375.00

LARGE SQUARE GAGE BLOCKS

NEW!

- Grade 0
- NIST Traceable
- Vertically more stable than rectangular blocks
- Large sizes help eliminate block stacks
- Meets or exceeds Federal Specifications ASME B89.1.9-2002



Order No.	Description	List Price	Sale Price
J53-676-216	NEW 5" Large Square Gage Block	\$209.00	\$190.00
J53-676-218	NEW 6" Large Square Gage Block	251.00	235.00
J53-676-220	NEW 7" Large Square Gage Block	288.00	273.00
J53-676-222	NEW 8" Large Square Gage Block	340.00	320.00
J53-676-224	NEW 10" Large Square Gage Block	473.00	450.00
J53-676-226	NEW 12" Large Square Gage Block	526.00	500.00
J53-676-228	NEW 16" Large Square Gage Block	790.00	750.00
J53-676-230	NEW 20" Large Square Gage Block	921.00	870.00

CALIBRATION

LONG RECTANGULAR GAGE BLOCKS

Fowler

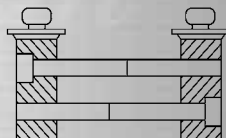
TOOL-A-THON

Volume 15.1

**Save
10%**



J53-670-008



J53-670-777 holding clamp set used for holding two large blocks together

- Fowler's long gage blocks are rectangular in shape, Grade 0 and supplied with a NIST certificate
- Stackable using holding clamps

Order No.	Description	List Price	Sale Price
J53-675-216	5" Gage Block	\$156.80	\$141.00
J53-675-218	6" Gage Block	190.40	171.00
J53-675-220	7" Gage Block	218.40	196.00
J53-675-222	8" Gage Block	246.40	221.00
J53-675-224	10" Gage Block	280.00	252.00
J53-675-226	12" Gage Block	296.80	267.00
J53-675-228	16" Gage Block	347.20	312.00
J53-675-230	20" Gage Block	442.40	398.00
J53-670-008	8 piece Gage Block Set	1572.50	1415.00
J53-670-777	Holding Clamp for two large blocks	92.95	83.00

SETTING MASTERS

Fowler's Setting Masters are quick, easy and extremely accurate. Each comes with a manufacture's certificate of calibration and a wood case. Save time and money by calibrating your own measuring tools.

Depth Micrometer Checker J53-813-005

- Ideal for quick, easy calibration and zero setting of depth micrometers
- Range: 0-6"
- Graduation: 1"
- Accuracy: $\pm .000120$ "
- Reference block: 1" $\pm .000020$ "



**Save
\$100**



Caliper/Height Gage Checker J53-813-010

- Horizontal and vertical use
- Used for the calibration of height gages and calipers
- Scale on one side reads: 0.5", 2", 4", 6", 8", 10" and 12" for inside caliper measurements
- Scale on side reads: 1", 2", 4", 6", 8", 10" and 12" for height gage and caliper checking
- Accuracy: $\pm .0002$ "



Order No.	Range	List Price	Sale Price
J53-813-005	6" Depth Micrometer Checker	\$1450.00	\$1350.00
J53-813-010	12" Caliper/Height Gage Checker	1545.00	1445.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

CALIBRATION

BORE GAGE SETTING MASTER KIT -Inch & Metric

Fowler's Bore Gage Setting Master Kit is used for accurately setting any bore gage up to 6"/150mm in diameter to an accuracy of .0001"/.003mm



Includes:
Bore gage setting master
and gage block set.
All in a custom-fitted
aluminum case!

J53-646-000

Each Set includes:

Setting Device

- Base anvil: 2.750" x .80"
- Adjustable anvil 2.375" x .375" (two each)
- Internal capacity: 6"/150mm
- Depth capacity: 1"/25mm
- Centralizer capacity width: 2.625"/66.7mm
- Quick-release holder for fast adjustment
- **Can also be used for external setting, depending on application (external mics, snap gages, caliper gages)**

Economy Gage Block Sets

Inch model:

- 36 piece
- Tolerances to .00005"
- Certificate of Calibration to N.I.S.T.

Metric model:

- 33 piece
- AS-2 grade
- Certificate of Calibration to N.I.S.T.

Order No.	Description	List Price	Sale Price
J53-646-000	Inch Bore Gage Setting Master Kit	\$275.00	\$198.95
J53-646-010	Metric Bore Gage Setting Master Kit	\$295.00	\$259.80

CALIPER, MICROMETER, SNAP GAGE CHECKING SET

Fowler's setting master is quick, easy and extremely accurate. It comes with a certificate of calibration and a fitted aluminum case. Save time and money by calibrating your own measuring tools quickly and easily.

Set Includes:

- Calibration certification traceable to N.I.S.T. standards
- Stand height: 12.5"
- 9 pc. Grade AS-0 gage block set (sizes: .625", .100", .125", .200", .250", .300", .500", 1.000" & 2.000"
- Certificate of calibration is traceable to N.I.S.T. standards & provides the individual deviation of each block
- Optical flat (flatness: .000004" ; Parallelism: .00002")
- 4.0mm ball end T-handle hex wrench

**Worn blocks
can be
easily replaced!**



Order No.	Description	List Price	Sale Price
J53-813-001-1	Complete caliper, Micrometer and Snap Gage Checking Set	\$303.21	\$272.37
J53-813-002-0	Mic Checker Holder <i>without</i> Blocks	145.00	119.00

CALIBRATION

CYLINDRICAL SQUARES

NEW!

- Used for checking squares, height gages and other instruments
- Hardened and the ends are lapped to 90° angular accuracy
- 6" cylindrical squares: ± 0.0001 "
- 12" cylindrical square: ± 0.00015 "
- Includes handles and wood case



Order No.	Description	List Price	Sale Price
J52-750-006	NEW 6" cylindrical square	\$175.00	\$160.00
J52-750-012	NEW 12" cylindrical square	250.00	230.00

SHOP-BLOX® RECTANGULAR GAGE BLOCK SETS

- Manufactured to meet N.I.S.T. Federal Specification ASME B89. 1.9 - 2002 tolerances on length for inch gage blocks
- Certificate of Calibration traceable to N.I.S.T.
- Tolerances to ± 0.00005 "
- In high-quality fitted wood case

**Save
over 45%**



J53-672-081

Order No.	Description	List Price	Sale Price
J53-672-036	36 piece Economy Rectangular Gage Block Set	\$275.00	\$145.50
J53-672-081	81 piece Economy Rectangular Gage Block Set	484.00	310.50

GRADE Ø RECTANGULAR STEEL GAGE BLOCK SETS

- Grade Ø
- Each block certified to N.I.S.T.
- Each block is individually serialized
- Sizes clearly marked on each block
- Complete with fitted wooden case

**Save
over 45%**



J53-670-038

Order No.	Description	List Price	Sale Price
J53-670-038	36 piece Grade Ø Rectangular Gage Block Set	\$434.55	\$231.00
J53-670-080	81 piece Grade Ø Rectangular Gage Block Set	799.70	510.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

CALIBRATION

X-TENDED RANGE

PIN GAGE SETS Minus and Plus Tolerances

Ideal for checking hole size, location, gage slots, distance between holes, go/no-go gaging and setting other gages and micrometers.



J53-880-823

**Two ranges
in one set!**

.011" — .060" & .061" — .250"

Features:

- Class ZZ
- Black oxide finish offers extra protection against corrosion and rust, promotes longer life, and highlights wear trends that enables calibration to be performed more effectively
- 240 pcs
- Range: 0.011" - 0.250" in .001" increments.
- Set includes 2 handles and our X-Glide all purpose teflon lubricant
- Certificate of accuracy traceable to N.I.S.T. and registered ISO 9001

Order No.	Description	Accuracy	List Price	Sale Price
J53-880-823	Plus Pin Gage Set	+0.0002"-0.0000"	\$229.95	\$209.95
J53-880-833	Minus Pin Gage Set	+0.0000"-0.0002"	229.95	209.95

PIN GAGE HANDLES



J53-885-001



J53-885-000

NEW!

- 8 sizes cover a full range of pin gages (.011" - 1.0")
- Color coded handle for GO, NO/GO applications
- Both handle and collets are made of aluminum for pin protection
- Collets are spring loaded and self-centering

Order No.	Description	List Price	Sale Price
J53-885-000	NEW .011" — .060"	\$17.00	\$14.50
J53-885-001	NEW .061" — .250"	20.00	16.50
J53-885-002	NEW .251" — .500"	23.50	20.50
J53-885-003	NEW .501" — .625"	27.00	24.00
J53-885-004	NEW .626" — .750"	33.00	30.00
J53-885-005	NEW .751" — .832"	36.00	33.00
J53-885-006	NEW .833" — .916"	40.00	37.00
J53-885-007	NEW .917" — 1.0"	45.00	41.00
J53-885-008	NEW All Sizes .011" — 1.0"	230.00	210.00

CALIBRATION

DIAL CALIBRATION TESTER

Fowler

TOOL-A-THON

NEW!

**Save
over 40%**

**ONCE THEY'RE
GONE
THEY'RE GONE!**



Probe and display not included

- Use for calibration of dial and test indicators as well as cylinder bore gages
- Measuring travel 1"/25mm
- Non rotating anvil
- Large micrometer drum for fine and precise adjustment
- Can be used vertically or horizontally
- Provides direct comparative measurements
- Repeatability 0.000012"/0.0003mm when used with Sylvac probe system (54-618-500 & 54-618-148)
- Can also be used with a high accuracy, high resolution electronic dial indicator (54-530-156) with 8mm mounting stem
- Robust construction
- Includes clamps and holders for various gages and a magnifying lens for stress free reading of dial gages.

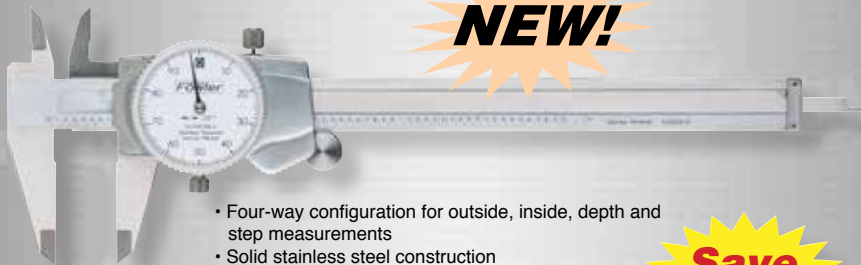
Order No.	Description	List Price	Sale Price
J53-520-000	NEW Dial Calibration Tester	\$4064.50	\$2435.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

DIAL CALIPERS

PREMIUM DIAL CALIPER

NEW!



- Four-way configuration for outside, inside, depth and step measurements
- Solid stainless steel construction
- Silky smooth movement throughout
- Dial hand completes one revolution per each .100"
- Thumbroll for rapid setting
- Knurled lock assures precise settings
- Includes fitted case

Save 30%

Order No.	Range	Graduation	List Price	Sale Price
J52-008-006-2	NEW 0-6"	0.001"	\$112.20	\$78.50

MACHINIST GRADE DIAL CALIPERS



J52-008-706

**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION



J52-008-707



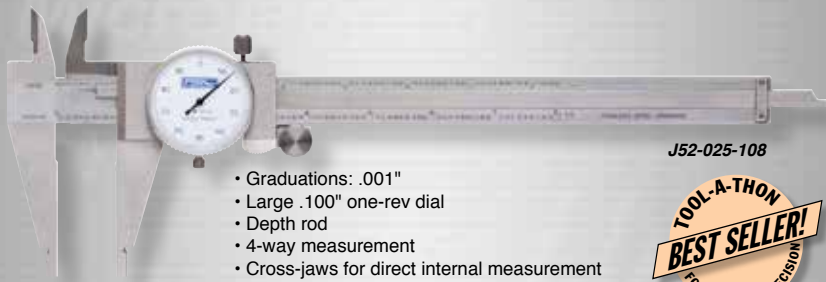
J52-008-714

- 4-way measuring
- Solid stainless steel construction
- Silky smooth movement throughout
- .100"/2mm range per revolution
- .001"/.02mm reading dial face
- Tough shockproof gearing
- Supplied in shop-hardened case

Order No.	Range	Dial Face Color	List Price	Sale Price
J52-008-704	0—4"	White	\$51.50	\$41.20
J52-008-714	0—4"	Black	51.50	41.20
J52-008-706	0—6"	White	70.50	54.20
J52-008-707	0—6"	Black	70.50	54.20
J52-008-709	0—150mm (Metric Model)	Yellow	70.50	54.20
J52-008-708	0—8"	White	88.40	66.20
J52-008-712	0—12"	White	117.05	89.60

DIAL CALIPERS

HEAVY DUTY DIAL CALIPERS



J52-025-108

- Graduations: .001"
- Large .100" one-rev dial
- Depth rod
- 4-way measurement
- Cross-jaws for direct internal measurement
- Stainless steel, satin chrome finish
- Includes wood case



Order No.	Range	Jaw Length	List Price	Sale Price
J52-025-108	8" Caliper	2.5"	\$128.25	\$86.50
J52-025-112	12" Caliper	2.875"	186.50	129.50

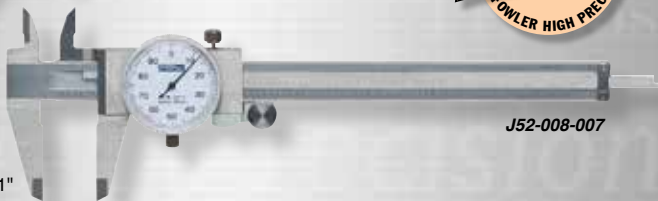
0-6" DIAL CALIPERS



J52-008-005



- 4-way measuring
- Covered rack
- .100" per revolution
- Dial graduation: .001"
- Accuracy: $\pm .001$ "
- Hardened stainless steel rack
- Supplied in shop-hardened case



J52-008-007

Order No.	Dial Face Color	List Price	Sale Price
J52-008-007	White	\$84.55	\$33.50
J52-008-005	Black	84.55	33.50

EXTENDED RANGE DIAL CALIPERS



J52-008-018

- Graduations: .001"
- Stainless steel construction
- Satin chrome finish
- Depth rod
- .500" internal measuring nibs
- Includes fitted case



Order No.	Range	Depth of Jaws	List Price	Sale Price
J52-008-018	18" Caliper	3.125"	\$232.90	\$178.20
J52-008-024	24" Caliper	3.375"	282.25	221.20

ELECTRONIC CALIPERS

Poly-Cal® ELECTRONIC CALIPER Inch/Metric/Fraction



INCH • METRIC • FRACTION

Polycarbonate Caliper Includes

- Fractional Measurement
- Easy-To-Read Display
- Lightweight frame

- Range 6"/150mm
- Polycarbonate frame
- Large easy-to-read display
- Resolution .0005"/.01mm (Fractions by 1/64" increments)
- Absolute/Incremental Measurement
- Direct inch/metric/fraction conversion
- 4-way measuring
- Accuracy +/- .008"
- Supplied with clip-on vinyl pouch

Order No.	Description	List Price	Sale Price
J54-101-175	Poly-Cal Electronic Caliper	\$24.60	\$19.50
J54-100-350	CR2032 Battery	5.50	

4" thru 12" ECONOMY DIGITAL CALIPERS



J54-100-000-2

Improved Design!

- Ceramic capacitive sensor
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (4" & 6" models)
- .0015"/.04mm (8" & 12" models)
- Resolution: .0005"/.01mm
- Large easy-to-read LCD display
- Absolute referencing
- Includes molded case

Order No.	Range	List Price	Sale Price
J54-100-004-2	0—4"/100mm Caliper	\$94.10	\$75.60
J54-100-000-2	0—6"/150mm Caliper	109.75	80.40
J54-100-008-2	0—8"/200mm Caliper	128.80	101.20
J54-100-112-2	0—12"/300mm Caliper	168.00	137.80
J54-100-350	CR2032 Battery	5.50	

WATER RESISTANT IP54 ELECTRONIC CALIPERS



Improved Design!

J54-100-777-2



- Water resistant to IP54 specifications
- Stainless steel frame
- Direct Inch/Metric conversion
- Accuracy: .001"/.02mm (6" models)
- Resolution: .0005"/.01mm
- Absolute referencing
- Large easy-to-read LCD display
- 4-way measurement
- Includes molded case

Order No.	Range	List Price	Sale Price
J54-100-777-2	0—6"/150mm Electronic IP54 Caliper	\$123.20	\$95.20
J54-100-712-2	0—12"/300mm Electronic IP54 Caliper	179.20	141.30
J54-100-350	CR2032 Battery	5.50	

PRO-MAX ELECTRONIC CALIPER



Save \$38.00

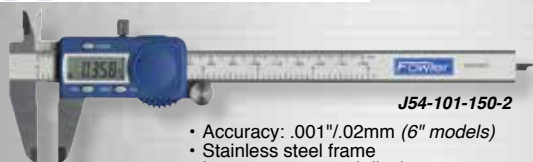


- Maximum Error: .001"/.02mm
- 4-way measurement, inside, outside, depth and step
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm
- Range: 6"/150mm
- Direct inch/metric conversion
- Temperature range 5 to 40°C working; -20 to 60°C in storage
- Hardened stainless steel construction
- RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function
- Includes molded case

Order No.	Range	List Price	Sale Price
J54-200-777-1	0—6"/150mm Pro-Max Electronic Caliper	\$157.00	\$119.00
J54-100-350	CR2032 Battery	5.50	

ELECTRONIC CALIPERS

XTRA-VALUE CAL ELECTRONIC CALIPERS



J54-101-150-2



- Accuracy: .001"/.02mm (6" models)
- Stainless steel frame
- Large easy-to-read display
- Resolution: .0005"/.01mm
- Direct inch/metric conversion
- Absolute/Incremental Measurement
- 4-way measuring
- Includes molded case



Also available with a
Super Large Display with Hold Feature!



Order No.	Range	Display Type	List Price	Sale Price
J54-101-150-2	6"/150mm	Regular Display	\$45.00	\$31.80
J54-101-600-1	6"/150mm	Super Large Display with hold feature	56.00	37.50
J54-100-200-1	8"/200mm	Regular Display	67.20	56.50
J54-101-800-1	8"/200mm	Super Large Display with hold feature	84.00	63.50
J54-101-300-1	12"/300mm	Regular Display	90.00	88.60
J54-101-900-1	12"/300mm	Super Large Display with hold feature	110.00	83.40
J54-100-350	CR2032 Battery		5.50	

EURO-CAL IV ELECTRONIC CALIPERS



J54-100-330-1

INCH • METRIC • FRACTION



J54-100-332

- Reads in inch, metric & fractions
- Direct inch/metric/fraction conversion
- Absolute/Incremental Measurement
- Water resistant to IP54 standards
- Resolution: .0005"/.01mm (Fractions in 1/64" increments)
- Stainless steel frame
- 4-way measuring
- Includes molded plastic case

**Save
over 35%**

Order No.	Description	Accuracy	List Price	Sale Price
J54-100-330-1	6"/150mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	\$111.95	\$76.30
J54-100-331	8"/200mm Euro-Cal IV Electronic Caliper	±.001"/.02mm	132.50	95.60
J54-100-332	12"/300mm Euro-Cal IV Electronic Caliper	±.0015"/.03mm	170.00	126.30
J54-100-350	CR2032 Battery		5.50	

XTRA-RANGE® ELECTRONIC CALIPERS



J54-100-312

NEW Shop-Hardened Case!

- Hold feature
- Preset mode now includes offset for inside jaws
- All sizes feature fine adjustment screw
- Resolution: .0005"/.01mm
- Inch/metric conversion
- Includes molded case
- .500" internal measuring nibs



Order No.	Range	Jaw Depth	Accuracy	List Price	Sale Price
J54-100-312	0—12"/300mm Caliper	3.5"	.002"/.04mm	\$193.75	\$159.50
J54-100-024-1	0—24"/600mm Caliper	4"	.003"/.08mm	282.25	239.40
J54-100-042-1	0—40"/1000mm Caliper	4.9"	.004"/.10mm	1170.35	649.00
J54-100-350	CR2032 Battery			5.50	

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

ELECTRONIC CALIPERS

ULTRA-CAL III HEAVY DUTY ELECTRONIC CALIPERS

Heavy Duty Ultra-Cal III, made in Germany, combines the Swiss-patented Sylvac non-contact inductive measuring system with output capabilities.



J54-100-012

NEW!

Order No.	Length of Bottom Jaws	Length of Top Jaws
J54-100-012	3.2"	1.5"
J54-100-020	5.9"	2.25"
J54-100-212	3.2"	1.3"

- Inside, outside measurements only
- Fine adjustment
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm $\pm 2s$
- Incremental floating zero
- Direct inch/metric conversion
- Fast tracking speed of approximately 60"/second
- Combination zero/data/hold button
- Hold feature freezes display for later viewing
- Direct RS232C output
- Frame and jaws are precision ground of hardened stainless steel

**Save
10%**



Order No.	Range	Overall Accuracy	List Price	Sale Price
Knife Jaws				
J54-100-012	NEW 0-12"/0-300mm	.0015"/.04mm	\$968.00	\$868.00
J54-100-020	NEW 0-20"/0-500mm	.002"/.05mm	1584.00	1200.00
Cross Jaws				
J54-100-212	NEW 0-12"/0-300mm	.0015"/.04mm	\$1122.00	1000.00
J54-115-333	RS232 Opto Cable		119.00	

EZ-ID/OD ELECTRONIC GAGE



INCH • METRIC • FRACTION

NEW!

- 4" to 20"/100 to 500mm capacity
- Inch/Metric/Fraction Conversion
- 4" preset
- Zero set
- Hold function
- Preset measuring depth at 1" or 1.5"
- Resolution: 0.0005"/0.01mm (fractions in 1/64" increments)
- Protected to IP54 specifications
- Beam has vernier scale to double check reading
- Thumblock
- Direct RS232 output
- Includes wooden case



Order No.	Range	List Price	Sale Price
J54-150-020	NEW 4"-20"/100-500mm EZ-ID/OD Electronic Gage	\$360.00	\$299.00
J54-100-350	CR2032 Battery	5.50	

ELECTRONIC CALIPERS

ULTRA-LITE MARK III ELECTRONIC CALIPERS

Fowler's Ultra-Lite Mark III Electronic Calipers offer many advantages over conventional calipers. Featuring a low weight that improves measuring results. Measuring pressure control for improved repeatability. For increased wear resistance, jaw faces are titanium-coated on hardened steel.

NEW!



J54-110-312

J54-110-324

\$200 off
Any of our
3 Most Popular
Sizes!



Features:

- Internal and external measurements with two presets.
- Min/Max functions.
- Hold feature freezes display for later viewing.
- Menu customizable with free software
- Incremental floating zero.
- Measuring Speed = 60"/1.5m per second.
- Large, high-contrast LCD display indicates in/mm, hold and zero functions.
- New low drain, high efficiency lithium wafer battery—4500 hrs. of continuous on-time.
- Direct inch/metric conversion.
- Direct RS232C output connects tool to any computer or printer without an interface.
- Special application accessories available.
- Includes case

Specifications:

- External Jaws: Length = 6" (150mm); thickness = .28" (7mm); material: titanium coated stainless steel.
- Internal Pins: Length = .71" (18mm) diameter of nibs = .2" (5mm); material = tungsten carbide.



Order No.	Range	Accuracy	Repeatability	Weight	List Price	Sale Price
J54-110-312	0-12"/300mm	0.0012"/30μm	0.0008"/20μm	2.4 lb./1.1 kg	\$1950.00	\$1750.00
J54-110-324	0-24"/600mm	0.0016"/40μm	0.0008"/20μm	2.9 lb./1.3 kg	2275.00	2075.00
J54-110-340	0-40"/1000mm	0.0024"/60μm	0.0008"/20μm	3.5 lb./1.6 kg	2720.00	2520.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

MICROMETERS

0.5" OUTSIDE MICROMETER



- 0-.5" micrometer by .001", satin chrome finish
- Forged steel frame
- Anvil and spindle hardened and precision ground with microlapped ends.
- Clear, crisp graduations on barrel and thimble
- Diameter of measuring faces: .0197"
- Parallelism: .00005"
- Flatness: .00003"
- Includes case

Order No.	Range	List Price	Sale Price
J52-230-000	0-.5" micrometer	\$29.35	\$20.00

OUTSIDE MICROMETERS

with Decimal Equivalents on Frame



J52-235-001-1

- Black decimal equivalents on satin chrome finished forged steel frame
- Graduations: .0001"
- Ratchet thimble and locking nut
- Includes case



Order No.	Range	List Price	Sale Price
J52-235-001-1	0-1"	\$52.65	\$30.80
J52-235-002-2	1-2"	63.85	40.30
J52-235-003-2	2-3"	76.15	51.40

SWISS-STYLE MICROMETERS



J52-229-201

- .0001" reading
- Carbide measuring faces
- Insulated frame
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications
- Includes case

Order No.	Range	List Price	Sale Price
J52-229-201	0-1"	\$39.15	\$23.50
J52-229-202	1-2"	45.85	31.25
J52-229-203	2-3"	56.55	36.40
J52-229-204	3-4"	64.90	41.30
J52-229-205	4-5"	80.10	48.60
J52-229-206	5-6"	94.10	59.80

DIGIT COUNTER MICROMETERS



J52-224-001

- Digital counter reads to .001".
- Resolution: .0001" (using vernier)
- Microfine graduations on satin chrome
- Carbide tipped measuring faces
- Positive locking nut on spindle
- Sizes over 1" include standard
- Includes case

Order No.	Range	List Price	Sale Price
J52-224-001	0-1"	\$88.40	\$43.50
J52-224-002	1-2"	92.90	55.25
J52-224-003	2-3"	105.85	61.30
J52-224-004	3-4"	116.40	67.00

Micrometer Calibration Set is available on page 6!

MICROMETERS

XTRA-VALUE

II ELECTRONIC MICROMETERS

- Jet black, grey enamel finish
- Large LCD display
- Resolution: .00005"/.001mm
- Accuracy: $\pm .00016"/.004\text{mm}$ (up to 2")
- Direct RS-232 output
- Carbide measuring faces
- Absolute and incremental modes
- Ratchet thimble
- Includes shop hardened case



J54-870-001

FREE!

Ball Attachment

Protected to:
IP40
DUST RESISTANT

Order No.	Description	Range	List Price	Sale Price
J54-870-001	Xtra-Value II Electronic Micrometer	0-1"/0-25mm	\$84.00	\$59.50
J54-870-002	Xtra-Value II Electronic Micrometer	1-2"/25-50mm	85.00	75.40
J54-870-003	Xtra-Value II Electronic Micrometer	2-3"/50-75mm	99.95	89.80
J54-870-103	Xtra-Value II Electronic Micrometer Set	0-3"/0-75mm	260.00	183.00
J54-100-350	CR2032 Battery		5.50	

ELECTRONIC COOLANT RESISTANT MICROMETERS

- Protected to IP54 specifications
- Large LCD Display
- Automatic switch off
- Resolution: .00005"/.001mm
- Direct RS-232 output
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard



J54-860-001-1

FREE!

Ball Attachment

Protected to:
IP54
COOLANT & FLUID RESISTANT

Order No.	Description	Range	List Price	Sale Price
J54-860-001-1	IP54 Electronic Micrometer	0-1"/0-25mm	\$106.40	\$79.20
J54-860-002-1	IP54 Electronic Micrometer	1-2"/25mm-50mm	123.20	89.20
J54-860-003-1	IP54 Electronic Micrometer	2-3"/50mm-75mm	134.40	99.80
J54-860-103-1	IP54 Electronic Micrometer Set	0-3"/0-75mm	350.00	259.70
J54-100-350	CR2032 Battery		5.50	

XTRA MAG

MAG BASE MICROMETER STAND



Micrometer shown not included.

NEW!

- Holds standard 0-12" micrometers firmly to metal surfaces
- Use at machine centers, work, assembly and inspection stations, steel tables and shelves
- V-bottom for mounting on cylindrical surfaces
- On/Off magnet switch
- Blue enamel finish
- Base is 2.30" L x 1.20" W x 3.50" H



Order No.	Description	List Price	Sale Price
J52-247-010	NEW Xtra-Mag Base Micrometer Stand	\$48.50	\$40.00

ADJUSTABLE MICROMETER STAND



Micrometer shown not included.

A compact, well-constructed, folding micrometer stand with a unique locking mechanism that positions the micrometer over a 180° range for perfect use and viewing.

Order No.	Description	List Price	Sale Price
J52-247-005	Micrometer Stand	\$33.05	\$23.50

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

MICROMETER SETS

XTRA-VALUE II ELECTRONIC MICROMETER SET



- Protected to IP54 specifications
- Large LCD Display
- Automatic switch off
- Resolution: .00005"/.001mm
- Direct RS-232 output
- Carbide measuring faces
- Absolute & incremental modes
- Sizes over 1"/25mm include standard

**Complete in a
"Shop Hardened"
molded case!**



Order No.	Description	List Price	Sale Price
J54-870-103	0-3"/0-75mm Electronic Micrometer Set	\$260.00	\$183.00

SWISS STYLE MICROMETER SETS



J52-229-213

- .0001" reading (.01mm on metric set)
- Carbide measuring faces
- Ratchet thimble and locking nut
- Microfine graduations
- Sizes over 1" include standard
- Meets or exceeds Federal specifications

**Complete in a
"Shop Hardened"
molded case!**

Order No.	Range	List Price	Sale Price
J52-229-213	0—3" set	\$141.10	\$99.50
J52-229-214	0—4" set	217.30	121.50
J52-229-220	0—100mm set	217.30	121.50

DIGIT COUNTER MICROMETER SETS



J52-224-103

- Digital counter reads to .001".
- Resolution: .0001" (.01mm on metric set)
- Microfine graduations on satin chrome.
- Carbide tipped measuring faces
- Ratchet thimble
- Positive locking nut on spindle
- Sizes over 1" supplied with standards

**Complete in a
"Shop Hardened"
molded case!**

Order No.	Range	List Price	Sale Price
J52-224-103	0—3" set	\$294.00	\$182.00
J52-224-104	0—4" set	399.85	201.80
J52-224-220	0—75mm set	294.00	182.00

MICROMETER SETS

12 PIECE OUTSIDE INCH MICROMETER SET



Fowler micrometers are of the finest quality available, at prices that defy competition. Special care in design and workmanship create a long lasting precision tool.

Features:

- Hammertone blue baked enamel finish
- Microfine graduations on satin chrome finish and carbide tipped measuring faces
- Diameter of measuring faces: .256"
- Graduation: .0001"
- Flatness: .00003"
- Quick, easy zero adjustment on sleeve
- Positive lever locking clamp
- Spindle thread hardened, ground and lapped for ultimate accuracy
- Anvil & spindle hardened and precision ground with microlap finish on tips
- Meets or exceeds Federal accuracy specs
- Includes adjustment wrenches and fitted wooden case for all 12 micrometers

NEW!

**Save
35%**



All in a fitted wooden case!

Order No.	Description	List Price	Sale Price
J52-215-012-1	NEW 0-12" Micrometer Set	\$891.50	\$578.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

DEPTH MICROMETERS

ECONOMY DEPTH MICROMETERS



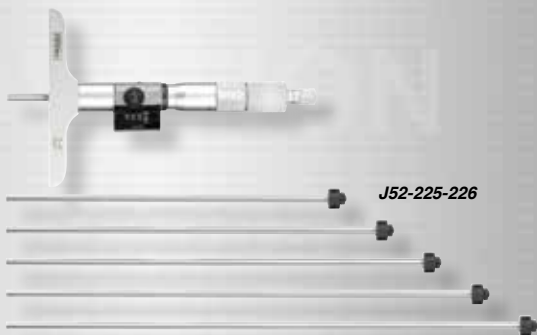
J52-225-116

- Satin chrome finish
- Base surface hardened, ground & lapped
- Ratchet thimble
- Locking clamp
- .001" Graduation
- Rod diameter: .176"
- Includes shop-hardened case.

Order No.	Range	Graduation	Base	List Price	Sale Price
J52-225-110	0—4"	.001"	2.5"	\$112.60	\$99.80
J52-225-112	0—6"	.001"	2.5"	136.80	122.60
J52-225-114	0—4"	.001"	4"	119.30	107.00
J52-225-116	0—6"	.001"	4"	142.50	136.50

DIGIT COUNTER DEPTH MICROMETERS

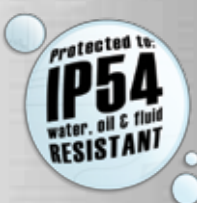
- Easy-to-read digit counter
- Microfine .001" graduations
- 4" base constructed of tool steel, hardened and ground
- Satin chrome finish
- Ratchet thimble
- Locking clamp
- Rod diameter: .176"
- Includes wrench and fitted case



J52-225-226

Order No.	Range	Graduation	Base	List Price	Sale Price
J52-225-176	0—6"	.001"	2.5"	\$141.05	\$132.00
J52-225-226	0—6"	.001"	4"	152.90	140.00

IP54 ELECTRONIC DEPTH MICROMETERS



- Resolution: .00005"/.001mm
- Range: 0—6"/150mm
- Hardened tool steel, precision ground and microlapped 4" base
- Rod diameter: .176"
- Protected to IP54 standards
- Automatic switch off
- Large LCD display
- Includes fitted case



Order No.	Description	List Price	Sale Price
J54-225-456	0—6"/150mm Electronic Depth Micrometer	\$199.90	\$162.95

DEPTH GAGES

X-PROOF

0-22" DIAL DEPTH GAGE

with IP54 protection!

BEST VALUE!
IP54 Shockproof indicator available!



NEW!

All in a shop-hardened case!

- 0-1" AGD Group 2 IP54 Indicator
- Sealed bezel, top cap and dial with bellows on stem
- Sealed back plate
- .001" graduations
- 4" base ground and lapped for flatness
- Rods connect for 22" capacity
- Includes 2 extra points (spline & needle)
- Tolerance markers



Order No.	Description	List Price	Sale Price
J52-125-007	NEW X-Proof Depth Gage	\$185.00	\$122.00

X-DEPTH 22 0-22" DEPTH GAGE

Twice the range of competitive products!

- 0-1" travel indicator
- .001" Graduations
- Rods connect together for full 22" capacity
- Satin chrome finish
- Base size: 4"
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- Includes shop-hardened case



Order No.	Description	List Price	Sale Price
J52-125-006-1	0-22" Depth Gage	\$170.25	\$101.20

X-DEPTH 22-E 0-22" ELECTRONIC DEPTH GAGE

Save 30%



- 0-1" travel electronic indicator
- Zero reset at any position
- On/off button
- Relative/absolute measuring
- Bottom surface of the base is hardened, ground & lapped
- Full 22" range
- Resolution .0005"/.01mm
- Hold feature
- 4" Base
- Includes 2 extra points for small hole applications; one 0.078" dia. x 1" long and one needle point x 1" long
- Includes shop-hardened case



Order No.	Description	List Price	Sale Price
J54-125-777	0-22" Electronic Depth Gage	\$229.55	\$158.20

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

INDICATING MICROMETERS

INDI-X® INDICATING MICROMETERS



J52-245-501



- Anvil and spindle hardened and precision ground
- Fully insulated frame, satin chrome finish
- Wider Micro-Fine graduations
- Carbide tipped anvil & spindle
- Retracting button conveniently located in relation to operator's hand

- 0-1" Range, head graduated in .001"
- Flatness: .000012"
- Dial graduated in .00005"
- Indicated accuracy of .00015"
- Diameter of spindle: .256"
- Includes case

Order No.	Description	List Price	Sale Price
J52-245-501	0-1" Indi-X Indicating Micrometer	\$291.20	\$245.00
J52-245-502	1-2" Indi-X Indicating Micrometer	343.85	315.00

ELECTRONIC INDICATING MICROMETERS

A superior tool in quality and design, the Fowler/Bowers Electronic indicating Micrometer operates quickly and easily.



**Save
\$100**



- Retractable anvil travel: .275"(7mm)
- Non-rotating spindle
- Switchable resolution 0.0005"/0.00005" (0.01/0.001mm)
- Repeatability: 0.00005"(1μm)
- Measuring force 4.5—6N
- Carbide tipped measuring faces
- Adjustable table for part
- Two reference memories
- Preset Recall function
- Hold/freeze display function
- Direct inch/metric conversion
- Tolerance indication
- Min/Max/TIR function
- Bidirectional RS-232 output.
- Includes case.

J54-245-777

(Stand not included)

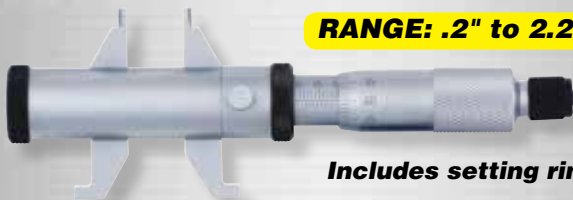
Order No.	Description	List Price	Sale Price
J54-245-777	0 - 1.25"/0-30mm	\$1150.00	\$1050.00
J54-245-780	1.25" - 2.50"/30-60mm	1365.00	1265.00

INSIDE MICROMETERS

XTRA-RANGE[®]

INSIDE MICROMETER

RANGE: .2" to 2.2"!



Includes setting ring!

- Range: .2—2.2"
- Satin chrome finish on barrel and thimble
- Microfine graduations (.001") on a satin chrome finish permit easy reading
- Accuracy: $\pm .0002"$ (.005mm)

- Ratchet stop thimble
- Easy zero adjustment on the sleeve
- Meets or exceeds Federal accuracy specs
- Includes a setting ring
- Includes a spanner wrench and a fitted case

Order No.	Description	Range	List Price	Sale Price
J52-275-005	Inside Micrometer	.2 - 2.2"	\$146.70	\$121.50

ELECTRONIC IP54 INSIDE MICROMETER



J54-860-276

- Measuring jaws & faces fully hardened & microlapped for accuracy.
- Each gage includes appropriate setting ring.
- Water Resistant to IP54 specifications.
- True inch/metric conversion
- Resolution: $.00005"/.001\text{mm}$
- Large easy-to-read LCD display
- Friction thimble
- Includes case.

Order No.	Description	List Price	Sale Price
J54-860-275	.2 - 1.2"	\$211.70	\$180.00
J54-860-276	1 - 2"	229.55	195.00

INSIDE MICROMETERS

- Each set consists of an inside micrometer head and a series of fully hardened and lapped extension rods of different lengths all with carbide measuring faces
- Anvil and spindle are hardened and precision ground with microlap finish on ends.
- Spindle thread hardened, ground & lapped.
- Microfine graduations on satin chrome.
- Positive locking nut on spindle.
- It is recommended that the inside micrometer with a rod be calibrated by a micrometer or ring gage.
- Coiled spring pressure contact type rods are each marked with appropriate length.
- Quick, easy zero adjustment on the sleeve.
- Accuracy = $.00005" \times (3 + L/2)$
- Meets or exceeds Federal accuracy specs.
- Reference standard included with set.
- Includes a wrench and a case.



J52-243-212-1

Order No.	Range	Graduation	List Price	Sale Price
J52-243-026-1	2 - 6"	0.001"	\$116.50	\$89.00
J52-243-212-1	2 - 12"	0.001"	141.10	119.00
J52-243-220-1	2 - 20"	0.001"	186.50	144.00

BORE GAGES

Fowler-Bowers XTH Holematic Pistol Grips



Fowler-Bowers XTH Holematic Pistol Grip range of bore gages offer extended travel with fixed anvils. The pistol grip handle incorporates a constant measuring pressure to eliminate operator "feel."



**Fastest Measuring System!
Ergonomic Design!
Amazing Repeatability!**

- Large easy-to-read swivel display
- Self centering heads
- RS-232C output and USB connectivity
- Three preset memories
- Fixed anvils
- Resolution: .00005" / .001mm
- Range .080" – 12" (2–300mm)
- Tungsten carbide measuring faces on all 3-point heads from .5" (12.5mm) and up.
- Heads with special anvils available for threads, splines, slots, etc.
- Sizes over .500" (12.5mm) feature blind bore capability
- Setting rings included in all sets
- Includes UKAS certificates for all pistol grip, heads and rings
- Special anvils available



Contact the Fowler Technical Department for special anvil applications.

BORE GAGES

Electronic Holematic Pistol Grip XTH - Individual sizes (includes pistol grip, head and ring)

Order Number	Range	Accuracy	Depth	List Price	Sale Price
2-Point Heads					
J54-566-701	.080" — .100" (2—2.5mm)	.00015" (0.004mm)	.350" (9mm)	\$2841.00	\$2272.80
J54-566-702	.100" — .120" (2.5—3mm)	.00015" (0.004mm)	.350" (9mm)	2841.00	2272.80
J54-566-703	.120" — .160" (3—4mm)	.00015" (0.004mm)	.470" (12mm)	2841.00	2272.80
J54-566-704	.160" — .200" (4—5mm)	.00015" (0.004mm)	.700" (18mm)	2841.00	2272.80
J54-566-705	.200" — .250" (5—6mm)	.00015" (0.004mm)	.700" (18mm)	2841.00	2272.80

3-Point Heads					
J54-566-706	.250" — .312" (6—8mm)	.00015" (0.004mm)	2.28" (58mm)	\$2070.00	\$1656.00
J54-566-708	.312" — .375" (8—10mm)	.00015" (0.004mm)	2.28" (58mm)	2036.00	1628.80
J54-566-710	.375" — .500" (10—12.5mm)	.00015" (0.004mm)	2.28" (58mm)	2144.00	1715.20
J54-566-712	.500" — .625" (12.5—16mm)	.00015" (0.004mm)	2.44" (62mm)	2172.00	1737.60
J54-566-716	.625" — .750" (16—20mm)	.00015" (0.004mm)	2.44" (62mm)	2302.00	1841.60
J54-566-720	.750" — 1" (20—25mm)	.00015" (0.004mm)	2.62" (66mm)	2467.00	1973.60
J54-566-725	1 — 1.375" (25—35mm)	.00015" (0.004mm)	2.62" (66mm)	2915.00	2332.00
J54-566-735	1.375" — 2" (35—50mm)	.00015" (0.004mm)	3.15" (80mm)	2739.00	2191.20
J54-566-740	2 — 2.625" (50—65mm)	.00020" (0.005mm)	3.15" (80mm)	2807.00	2245.60
J54-566-745	2.625" — 3.250" (65—80mm)	.00020" (0.005mm)	3.15" (80mm)	2807.00	2245.60
J54-566-750	3.250" — 4" (80—100mm)	.00020" (0.005mm)	3.35" (85mm)	2989.00	2391.20
J54-566-800	4 — 5" (100—125mm)	.00025" (0.006mm)	3.94" (100mm)	3131.00	2504.80
J54-566-825	5 — 6" (125—150mm)	.00025" (0.006mm)	3.94" (100mm)	3323.00	2658.40
J54-566-850	6 — 7" (150—175mm)	.00030" (0.007mm)	3.94" (100mm)	3527.00	2821.60
J54-566-875	7 — 8" (175—200mm)	.00030" (0.007mm)	3.94" (100mm)	3669.00	2935.20
J54-566-876	8 — 9" (200—225mm)	.00030" (0.008mm)	3.94" (100mm)	4673.00	3738.40
J54-566-877	9 — 10" (225—250mm)	.00030" (0.008mm)	4.05" (103mm)	5160.00	4128.00
J54-566-878	10 — 11" (250—275mm)	.00035" (0.009mm)	4.05" (103mm)	5342.00	4273.60
J54-566-879	11 — 12" (275—300mm)	.00035" (0.009mm)	4.05" (103mm)	5897.00	4717.60

Extra Handles 25% off
(with set purchase)



J54-566-375

Holematic XTH Pistol Grip Only

Order No.	Range	List Price	Sale Price
J54-556-350	.080" — .250" (2—6mm)	\$1951.00	\$1450.00
J54-556-375	.250" — .750" (6—20mm)	1951.00	1450.00
J54-556-400	.750" — 4" (20—100mm)	1951.00	1450.00
J54-556-480	4" — 12" (100—300mm)	1951.00	1450.00

Save 20%



J54-566-735



Complete Range Sets

Order No.	Range	Includes	List Price	Sale Price
J54-566-009	.080" — .250" (2—6mm)	5 heads, 1 handle, 3 rings	\$6431.00	\$5144.00
J54-566-010	.250" — .375" (6—10mm)	2 heads, 1 handle, 1 ring	2524.00	2019.00
J54-566-020	.375" — .750" (10—20mm)	3 heads, 1 handle, 2 rings	2977.00	2381.00
J54-566-050	.750" — 2" (20—50mm)	3 heads, 1 handle, 2 rings	3901.00	3120.00
J54-566-100	2—4" (50—100mm)	3 heads, 1 handle, 2 rings	4321.00	3456.00
J54-566-105	4—6" (100—150mm)	2 heads, 1 handle, 1 ring	3901.00	3120.00
J54-566-110	6—8" (150—200mm)	2 heads, 1 handle, 1 ring	5212.00	4169.00
J54-566-200	4—8" (100—200mm)	4 heads, 1 handle, 2 rings	8352.00	6681.00
J54-566-210	.750" — 4" (20—100mm)	6 heads, 1 handle, 4 rings	6431.00	5144.00
J54-566-620	.250" — .750" (6-20mm)	5 heads, 1 handle, 3 rings	3589.00	2871.00

Connectivity Kits

Order No.	Description	
J54-115-444	RS232 Power Computer Connect Kit	157.00
J54-115-528	USB Power Computer Connect Kit	220.00
J54-100-350	CR2032 Battery	5.50

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

BORE GAGES

DIAL BORE GAGE SETS with Carbide Anvils

Carbide anvils

- Easy-to-read
- Economical
- Graduation: .0005"
- Chrome plated handle
- Insulated grip
- Includes extension holder and fitted case



J52-646-100



J52-646-300



Order No.	Description	Range	List Price	Sale Price
J52-646-100	Dial Bore Gage Set	.7—1.5"	\$139.10	\$103.20
J52-646-300	Dial Bore Gage Set	2—6"	114.95	103.20

EXTENDER 1.4" TO 6" OR 35mm TO 160mm DIAL BORE GAGE SETS with Carbide Anvils



Industry's two most popular bore gage ranges combined in one set!

Carbide Anvils

- Easy-to-read
- Economical
- Graduation: .0005" or .01mm
- Insulated grip
- 1.4" to 6" range or 35 to 160mm
- Chrome plated handle
- Includes extension holder and fitted case



J52-646-400



TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION

Order No.	Description	List Price	Sale Price
J52-646-400	Inch X-Tender Bore Gage Set	\$174.80	\$124.60
J52-646-220	Metric X-Tender Bore Gage Set	193.15	135.20

EXTENDER-E ELECTRONIC 1.4" TO 6" DIAL BORE GAGE SET



Industry's two most popular bore gage ranges combined in one easy-to-use ELECTRONIC set!

All the same benefits included in the X-Tender Dial Bore Gage are now available with an electronic indicator providing inch/metric reading capability. Preset size of master for absolute reading and minimum hold feature to lock on the bore size as the gage is rocked in the part to be measured.



Bore Gage Features:

- Range: 1.4"-6"/35mm-150mm
- Carbide anvils
- Easily adjustable
- Self-centering
- Includes extension holder
- Shop hardened case

Indicator Features:

- Dual reading inch/metric electronic indicator
- Bar graph and numeric digital display
- Resolution: .00005"/.001mm
- Preset with recall
- ABS/INC measurement
- Min/Max/TIR

Includes **FREE** Instructional CD!



TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION



For instructional video search "X-tender Bore Gage" at www.youtube.com

Order No.	Description	List Price	Sale Price
J54-646-401	XTender-E Bore Gage Set	\$301.90	\$265.80
J54-100-350	CR2032 Battery	5.50	

ID - OD MEASURING

TRA-VALUE

INTERNAL & EXTERNAL ELECTRONIC CALIPER GAGES



J54-554-630



J54-554-730

- Robust housing
- Large LCD display
- Reading: .01"/.1mm/1/64ths
- Accuracy: .01"/.3mm/1/64ths
- Battery: CR2032
- Spring loaded with locking nut

Order No.	Description	Range	List Price	Sale Price
J54-554-630	Outside Caliper Gage	0-6"/150mm	\$44.25	\$36.20
J54-554-730	Inside Caliper Gage	.5-6"/150mm	44.25	36.20
J54-100-350	CR2032 Battery		5.50	

INTERNAL & EXTERNAL ELECTRONIC CALIPER GAGES



J54-554-611



J54-554-711

- Easy to hold
- Rugged housing
- Large, LCD display
- Resolution: .0002"/.005mm
- Accuracy: $\pm .0008"/\pm .02\text{mm}$

- Preset capability
- Direct inch/metric conversion
- Absolute/Incremental measurements
- High-impact, aircraft aluminum case



Dimensions for Internal Calipers						
Metric	Inch	L	S	H	Tip Radius	
5-15mm	0.2-0.6"	20mm	1.0mm	1.5mm	0.3mm	
5-25mm	0.2-1.0"	35mm	1mm	1.5mm	0.3mm	
10-30mm	0.4-1.2"	55mm	2mm	3.5mm	0.5mm	
20-40mm	0.8-1.6"	80mm	3mm	6.5mm	0.5mm	
30-50mm	1.2-2.0"	80mm	3mm	8.5mm	0.5mm	

Dimensions for External Calipers						
Metric	Inch	L	S	H	Tip Radius	
0-10mm	0-0.4"	40mm	3mm	8mm	0.5mm	
0-20mm	0-0.8"	80mm	6.5mm	25mm	0.75mm	
10-30mm	0.4-1.2"	80mm	6.5mm	25mm	0.75mm	
20-40mm	0.8-1.6"	80mm	6.5mm	25mm	0.75mm	
30-50mm	1.2-2.0"	80mm	6.5mm	25mm	0.75mm	

Internal Caliper Gages

Order No.	Range	List Price	Sale Price
J54-554-611	.200" - .590"/5-15mm	\$162.35	\$141.20
J54-554-622	.200" - 1"/5 - 25mm	174.15	151.40
J54-554-623	.400" - 1.2"/10 - 30mm	185.85	162.40
J54-554-624	.790" - 1.6"/20 - 40mm	185.85	162.40
J54-554-625	1.2" - 2"/30 - 50mm	185.85	162.40
J54-100-350	CR2032 Battery	5.50	

External Caliper Gages

Order No.	Range	List Price	Sale Price
J54-554-711	0 - .400"/0 - 10mm	\$162.35	\$141.20
J54-554-722	0 - .790"/0 - 20mm	174.15	151.40
J54-554-723	.4" - 1.2"/10 - 30mm	185.85	162.40
J54-554-724	.790" - 1.6"/20 - 40mm	185.85	162.40
J54-554-725	1.2" - 2"/30 - 50mm	185.85	162.40
J54-100-350	CR2032 Battery	5.50	

LIFETIME WARRANTY



*NO Gimmicks
NO Hurdles
NO Nonsense*

We are so confident that these Fowler/Sylvac products are the most accurate, most dependable, best made products you can buy, we are extending the warranty to last a lifetime!

Quality, accuracy, dependability, world-class customer service and now a real Lifetime Warranty!

MARK VI ELECTRONIC INDICATORS

- Robust construction
- Water and coolant resistant
- Protection class IP-67
- Repeatability: 2µm
- Output: Proximity/Power - USB/RS232/digimatic/Wireless
- Battery life: 10,000 hours of operation
- Menus customizable with free software
- Wide range of functions (MIN/MAX/DELTA, TOL, Factor, Preset, Auto Off, etc)
- Aluminum housing
- Bezel rotates 270°
- Large display with LED tolerance indicators
- Includes lug back



***Available with Bluetooth, contact the Fowler Technical Department for details.**



This Button is programmable for common functions

J54-530-135*

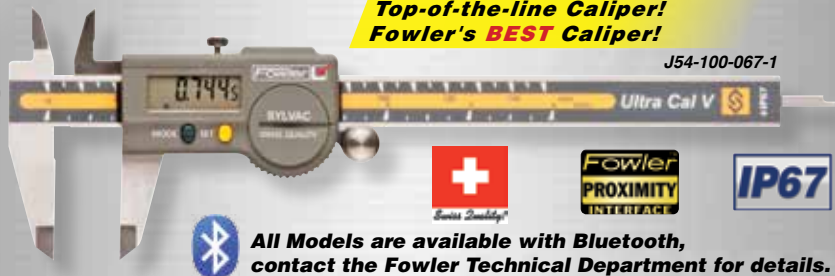
Order No.	Description	Maximum Error	Resolution	List Price	Sale Price
J54-530-125	0-.500"/12.5mm	0.0004"/.01mm	0.0005"/.01mm	\$410.00	\$355.00
J54-530-135*	0-.500"/12.5mm	0.00012"/.003mm	0.00005"/.001mm	510.00	475.00
J54-530-145	0-1"/25mm	0.0004"/.01mm	0.0005"/.01mm	468.00	410.00
J54-530-155*	0-1"/25mm	0.00016"/.004mm	0.00005"/.01mm	560.00	515.00

LIFETIME WARRANTY



ULTRA-CAL V ELECTRONIC CALIPERS

Top-of-the-line Caliper!
Fowler's BEST Caliper!



J54-100-067-1

**All Models are available with Bluetooth,
contact the Fowler Technical Department for details.**

- Maximum Error: .001"/.02mm
- 4-way measurement, inside, outside, depth and step. (6" & 8" models)
- Resolution: .0005"/.01mm
- Repeatability: .0005"/.01mm
- Direct inch/metric conversion
- Temperature range 5 to 40°C working; -20 to 60°C in storage
- Hardened stainless steel construction
- Direct RS-232 output
- Features Absolute/Relative Measuring Modes
- Hold function
- Thumbroll (6" model only)
- Includes case

Order No.	Description	Accuracy	Resolution	List Price	Sale Price
J54-100-067-1	6"/150mm	0.0008"/20µm	0.0005"/.01mm	\$189.00	\$150.00
J54-100-068-1	8"/200mm	0.0012"/30µm	0.0005"/.01mm	450.00	390.00
J54-100-069-1	12"/300mm	0.0012"/30µm	0.0005"/.01mm	540.00	490.00

RAPID-MIC ELECTRONIC MICROMETERS



Rapid Spindle Movement!
Extended Range!

J54-815-030

- Auto On/Off
- Position recall
- IP67 with or without data cable.
- Delrin quick displacement thimble
- Adjustable measuring force, 5N/10N
- Menu customizable with free software
- Non-rotating spindle
- USB output
- Carbide anvils
- Extended Range 0-30mm, 30-66mm and 66-102mm
- Blade anvils and speciality micrometers are available, contact Fowler Technical Department.



J54-815-111

***Available with Bluetooth,
contact the Fowler Technical Department for details.**

Order No.	Description	Max Error	List Price	Sale Price
J54-815-030*	0-1.18"/0-30mm	0.00012"/.003mm	\$490.00	\$425.00
J54-815-060	1.18"-2.6"/30-66mm	0.00016"/.004mm	725.00	680.00
J54-815-100	2.6"-4.0"/66-102mm	0.00020"/.005mm	1014.00	915.00
Set				
J54-815-111	0-4"/0-102mm		2240.00	1975.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

INDICATORS



X-TEST INDICATOR

TWICE the range of most indicators!

- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: .080"
- Range: .060" inch model
- Range: 1.6mm metric model



J52-562-001

J52-562-002



Order No.	Description	Graduations	Dial Diameter	Dial Reading	List Price	Sale Price
J52-562-001	X-Test Indicator	.0005"	1-1/2"	0-15-0	\$117.55	\$109.95
J52-562-002	X-Test Indicator	.0005"	1"	0-15-0	117.55	109.95
J52-562-003	X-Test Indicator	.001"	1"	0-15-0	117.55	109.95
J52-562-007	X-Test Indicator	.01mm	25mm	0-40-0	117.75	109.95
J52-562-008	X-Test Indicator	.01mm	38mm	0-40-0	117.75	109.95



VERTICAL X-TEST INDICATOR

TWICE the range of most indicators!

- Range: .060"
- Dial reading: 0-15-0
- Jeweled movement
- Revolution counter
- Easy-to-read tilted dial
- Automatic reversal
- 210° Swivel arc
- 5/32" stem
- Tungsten carbide point: .080"



J52-562-005

J52-562-004

Order No.	Description	Graduations	Dial Diameter	List Price	Sale Price
J52-562-004	Vertical X-Test Indicator	.0005"	1-1/2"	\$128.75	\$109.95
J52-562-005	Vertical X-Test Indicator	.0005"	1"	128.75	109.95
J52-562-006	Vertical X-Test Indicator	.001"	1"	128.75	109.95



X-TEST INDICATOR & ACCESSORY COMBO KIT

Each Combo Kit Includes:

- X-Test Dial Test Indicator (see above)
- Axial support
- Height gage bar with clamp
- Adaptor sleeve: 5/32" to 3/8"
- Contact point case
- Contact point wrench
- Complete in "Shop Hardened" case.



J52-562-110

Order No.	Description	Graduations	List Price	Sale Price
J52-562-100	52-562-001 w/accessories	.0005"	\$172.65	\$155.40
J52-562-110	52-562-002 w/accessories	.0005"	172.65	155.40
J52-562-120	52-562-003 w/accessories	.001"	172.65	155.40

INDICATORS

TEST INDICATORS

All Fowler Test Indicators include bi-directional constant clockwise rotation, automatic reversal, three dovetail mountings, jeweled movement, two dovetail clamps and a molded case.



J52-562-775



J52-562-778



Extra Points

.040" **.120"**

Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
J52-562-774	white	.030"	0-15-0	.001"	1"	1/2"	\$105.30	\$62.80
J52-562-778	black	.030"	0-15-0	.0005"	1"	1/2"	111.95	62.80
J52-562-775	white	.030"	0-15-0	.0005"	1"	1/2"	111.95	62.80
J52-562-776	white	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	68.80
J52-562-780	black	.030"	0-15-0	.0005"	1-1/2"	1/2"	117.05	68.80



J52-563-772



J52-563-777

Extra Points

.040" **.120"**

Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
J52-563-770	white	.008"	0-4-0	.0001"	1"	1/2"	\$111.95	\$90.40
J52-563-771	black	.008"	0-4-0	.0001"	1"	1/2"	111.95	90.40
J52-563-777	white	.008"	0-4-0	.0001"	1-1/2"	1/2"	111.95	90.40
J52-563-772	black	.008"	0-4-0	.0001"	1-1/2"	1/2"	115.30	90.40



J52-562-784

Extra Points

.040" **.120"**

Order No.	Face Color	Total Range	Dial Reading	Graduation	Dial Diameter	Point Length	List Price	Sale Price
J52-562-781	white	.020"	0-10-0	.0005"	1"	1-7/16"	\$115.30	\$87.20
J52-562-782	black	.020"	0-10-0	.0005"	1"	1-7/16"	115.30	87.20
J52-562-783	white	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	87.20
J52-562-784	black	.020"	0-10-0	.0005"	1-1/2"	1-7/16"	115.30	87.20

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

INDICATORS

ULTRATAST TEST INDICATORS

Horizontal Test Indicators

- Box-type housing opens on one side only.
- Bottom and side walls are one piece construction which encloses and protects the movement from shocks and damage.
- Self-contained movement
- Jeweled movement bearings, precision gears and pinions for maximum sensitivity and accuracy
- Satin-chrome finish is corrosion proof
- Stylus: ball diameter .080"/2mm
- Swivel range 220° on all models
- Includes 1/4" & 5/16" Dovetail clamps

NEW!



Save
\$40.00 or
more on all
Models!

J52-568-005

Order No.	Reading	Measuring Range	Dial Diameter	Stylus Length	Measuring Force
J52-568-005	.0005"	±.015"	1.083"	.453"	0.15N
J52-568-010	.0005"	±.015"	1.50"	.453"	0.15N
J52-568-015	.0001"	±.004"	1.50"	.453"	0.15N
J52-568-022	.0005"	±.015"	1.083"	1.417"	0.07N

Order No.	Description	List Price	Sale Price
J52-568-005	NEW UltraTast Horizontal Test Indicator	\$121.00	\$80.00
J52-568-010	NEW UltraTast Horizontal Test Indicator	137.50	90.00
J52-568-015	NEW UltraTast Horizontal Test Indicator	176.00	120.00
J52-568-022	NEW UltraTast Horizontal Test Indicator	196.90	130.00



Unmatched versatility and ease!

MULTIMODE ELECTRONIC TEST INDICATOR

Fowler's QuadraTest offers unrivaled measuring versatility in an Electronic Test Indicator.

- 4 Measuring Resolutions!

Resolution	Smallest Division
0—40—0	.0005"
0—40—0	.00005"
0—1—0	0.01mm
0—1—0	0.001mm

- 4 Measuring Modes!
Min, Max, TIR and Direct

- True Inch/Metric conversion
- Water, oil and coolant resistant to IP65!
- 1-1/2" diameter dial face rotates a full 360°
- Bar graph and numeric digital display
- Meets or exceeds DIN/ISO Standards
Maximum error on .00005" scale
at full range: .0004"
- .080" contact ball diameter

J54-562-888



J54-562-777



Rotates a full 360°



Order No.	Contact Point Length	List Price	Sale Price
J54-562-777	1/2"	\$210.00	\$190.00
J54-562-888	1-7/16"	310.00	289.00
J54-115-528	Power USB Cable	220.00	
J54-100-350	CR2032 Battery	5.50	

INDICATORS

TEST INDICATOR KIT with Universal Holder with Certificate of Calibration

- Auto-reverse.
- Jeweled movement.
- Range: .030"
- Graduation: .0005"
- Dial reading: 0—15—0
- Dial diameter: 1.125"
- Point length: .400"

FREE Universal Holder***

J52-565-200

Carbide contact points.

- Includes .080" & .040" contact points, Universal clamp, height gage attachment, 3/8" & 1/4" dovetail clamps in a fitted molded case

Includes manufacturer's test certificate

*** To receive your free Universal Holder, please fax your proof of purchase to Fowler at: (617) 630-5139

Order No.	Description	List Price	Sale Price
J52-562-999	Test Indicator Kit	\$112.15	\$102.50

XTRA MAG A VERSATILE UNIVERSAL & MAG BASE COMBO

Mag Base:

- 2 universal ball sockets
- Microfine adjustment screw
- 3-9/16" extension arm
- Dovetail mounting

Test Indicator: (J52-562-778)

- Range: .030"
- Reading: 0-15-0
- Jeweled movement
- Graduation: .0005"
- Auto-reversing
- .080" diameter point



Virtually unlimited positioning as a Universal Base!

2 Xtra
Contact Points
.040" & .120"
w/ purchase

J52-568-005

All complete in a shop-hardened case!

Order No.	Description	List Price	Sale Price
J52-585-105	Xtra Mag only	\$51.70	\$37.80
J52-585-100	Xtra Mag with Test Indicator	155.10	107.80

XTRA-SURF SURFACE GAGE

with a built-in Switchable Magnetic Base



ON	OFF
Magnetic Base	Surface Gage



All in a Shop-Hardened Case!

- Set includes 3-1/8" x 2-1/16" permanent magnetic base with on/off switch, fine adjustment on base and a 5/16" x 9" upright
- .0005" test indicator No. J52-562-778 (see page 31) with .040", .080" & .120" contact points
- Swivel clamp to mount indicator
- Two dovetail stems: 5/32" & 3/8"
- A 4" hardened scriber
- Form fitted shop-hardened case for easy accessibility and storage

J52-568-005



Order No.	Description	List Price	Sale Price
J52-155-747	Xtra-Surf	\$213.40	\$122.50
J52-155-743	Xtra-Surf without indicator	105.85	91.50

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

INDICATORS

HOLDXTEC HOLDING SYSTEMS

NEW!



J52-585-085
(Indicator not included)



J52-565-036
(Indicator not included)

J52-565-038
(Indicator not included)

← 8mm stem →



MACHINIST GRADE!
For MAXIMUM Precision

Features:

- All accept 3/8" indicators
- Mag base and HOLD-TEC with fine adjust also accepts 8mm indicators
- All have dovetail clamps for test indicators
- Mag base features **2** fine adjusts making it **6-Axis Mag Base**
- HOLD-TEC can be mounted in drill chucks, collets, dial gage stands with 8mm mount diameter to make a quick transfer stand
- Mag base has 180 lb. pull
- Adjust to any position
- Powerful On/Off mag base
- Central locking system

Order No.	Description	List Price	Sale Price
J52-585-085	NEW HOLD-Tec Mag Base with Double Fine Adjust	\$147.30	\$125.00
J52-565-036	NEW HOLD-Tec without Fine Adjust	82.70	75.00
J52-565-038	NEW HOLD-Tec with Fine Adjust	89.90	80.00

INDICATORS

INDI-MAX ELECTRONIC INDICATORS

INCH • METRIC • FRACTION

- Direct Inch/Metric Conversion
- IP54 Coolant & fluid resistant
- Auto Off feature
- 2-1/4" dial face
- 3/8" stem - 4-48 thread
- Resolution .00005"/.001mm
- Accuracy: .00016"/.004mm (to 1")
- Tolerance indicators
- Absolute/incremental reading
- Lugback supplied on 1/2" model.
- Lugbacks for 1" and 2" models, J52-525-605
- Floating zero
- Carbide tipped point

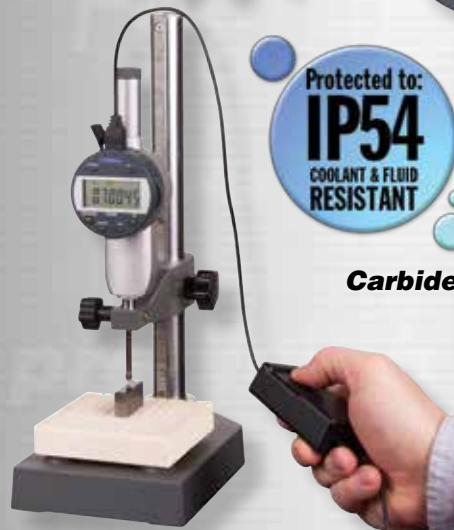
FREE Point Set



J52-525-065

Protected to:
IP54
COOLANT & FLUID
RESISTANT

Carbide-tipped points!



0-.5"



0-1"



0-2"



Fred V. Fowler Co., Inc.

Order No.	Description	List Price	Sale Price
J54-520-305	5"/12.5mm Ind-Max Electronic Indicator with point set	\$329.00	\$279.30
J54-520-310	1"/25mm Ind-Max Electronic Indicator with point set	369.00	319.20
J54-520-320	2"/50mm Ind-Max Electronic Indicator with point set	479.00	429.60
J54-100-350	CR2032 Battery	5.50	
J54-520-399	Absolute data cable	139.00	

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

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Fowler

TOOL-A-THON

Volume 15.1

INDICATORS

INDI-X^{blue} ELECTRONIC INDICATORS

Now available in .5"/12.5mm & 1"/25mm ranges!

INCH • METRIC • FRACTION

- Direct Inch/Metric Conversion
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point



**Low Cost,
High Quality,
Multi-Function
Indicators**

Carbide-tipped point!

Order No.	Description	List Price	Sale Price
J54-520-250	1"/25mm Indi-X Blue Electronic Indicator	\$94.00	\$58.50
J54-520-260	1"/25mm/64ths Indi-X Blue Inch-Metric-Fraction Electronic Indicator	96.25	61.50
J54-520-255	.5"/12.5mm Indi-X Blue Electronic Indicator	87.30	51.50

X-PROOF[®] IP54 SHOCKPROOF INDICATORS

BEST VALUE!
IP54 Shockproof indicator available!



Protection Includes:

- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate

Specifications:

- Robust, shockproof design
- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point



Order No.	Description	List Price	Sale Price
J52-520-450	X-Proof Indicator—Whiteface	\$69.40	\$29.80
J52-520-455	X-Proof Indicator—Blackface	75.00	32.25

INDICATORS

CHROME FLEX MAG SET

with **INDI-X Blue** Electronic Indicator or AGD Black face Indicator

Indi-X Blue Indicator features:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Included Magnetic Indicator Back for mounting to most metal surfaces!

TOOL-A-THON
BEST SELLER!
FOWLER HIGH PRECISION

K-SERIES
X



Flex Arm Mag Base features:

- Corrosion resistant chrome plated flex arm
- 85 lb. pull magnet
- Holds rigidly in almost any position
- V-base for mounting on rounded surfaces

Magnetic Indicator Back features:

- Use for positioning indicator on most metal surfaces
- Protective coating

AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

All in a shop-hardened case.

See the Indi-X Blue on page 36!

Order No.	Description	List Price	Sale Price
J54-585-100	Chrome Flex Mag and Indi-X Blue Electronic Indicator Set	\$230.95	\$125.00
J52-585-500	Chrome Flex Mag and AGD Black Face Indicator Set	173.25	123.00

FINE ADJUST MAG BASE SET

with **INDI-X Blue** Electronic Indicator or AGD Black face Indicator

Indi-X Blue Indicator features:

- Direct Inch/Metric Conversion
- 1"/25mm travel
- Auto Off feature
- 2-1/4" dial face
- Lugback and 3/8" stem mountings
- Resolution .0005"/.01mm
- Tolerance indicators
- Absolute/incremental reading
- Floating zero
- Carbide tipped point

Included Magnetic Indicator Back for mounting to most metal surfaces!

K-SERIES
X



Magnetic Base features:

- 85 lb. pull
- Fine adjustment.
- V-bottom base

Save
50%
J52-585-125 model ONLY

Magnetic Indicator Back features:

- Use for positioning the indicator on most metal surfaces.
- Protective coating

AGD Indicator features:

- AGD Group 2
- Dial diameter: 2-1/4"
- Travel: 1"
- Reading: .001"
- Continuous reading: .100"
- Carbide tipped point

All in a shop-hardened case.

See the Indi-X Blue on page 36!

Order No.	Description	List Price	Sale Price
J54-585-075	Fine Adjust Mag Base Set with Indi-X Blue Electronic Indicator Set	\$196.35	\$145.00
J52-585-125	Fine Adjust Mag Base with AGD White Face Indicator Set	\$150.15	70.00

INDICATORS



WATER RESISTANT INDICATOR SET

BEST VALUE!
IP54 Shockproof indicator available!



Magnetic Base (J52-585-010):

- Fine adjustment
- Base dimensions: 2" x 2-11/32" x 1-13/16"
- Mounts test indicators with 1/4" post
- 85 lb. pull
- On-Off lever release magnet
- V-base for placing on round surfaces

X-Proof Indicator (J52-520-450):

- Travel: .1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate



All in a shop-hardened case.

Order No.	Description	List Price	Sale Price
J52-585-155	X-Proof Water Resistant Indicator Set	\$77.85	\$55.00

CHROME FLEX MAG SET

with X-PROOF Indicator

Included Magnetic Indicator Back for mounting to most metal surfaces!



Flex Arm Mag Base features:

- Corrosion resistant chrome plated flex arm
- 85 lb. pull magnet
- Holds rigidly in almost any position.
- V-base for mounting on rounded surfaces

Magnetic Indicator Back features:

- Use for positioning the indicator on most metal surfaces
- Protective coating

X-Proof IP54 Indicator features:

Specifications:

- Robust, shockproof design
- Travel: .1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point

Protection Includes:

- Rubber bellows on stem.
- O-ring seal on safety cap.
- O-ring protection for bezel and rotating dial
- Sealed back plate

NEW!

All in a shop-hardened case.

Order No.	Description	List Price	Sale Price
J52-585-450	NEW Chrome Flex Mag and X-Proof Indicator Set — Whiteface	\$180.00	\$129.00
J52-585-455	NEW Chrome Flex Mag and X-Proof Indicator Set — Blackface	186.00	135.00

INDICATORS

X-PROOF

GAGE STAND

BEST VALUE!

IP54 Shockproof indicator available!

Stand features:

- 6" x 6" x 2" granite base
- Positive lock screw
- Fine adjustment knob for zero setting
- Microscrew fingertip control
- Flatness = .00005"

X-Proof Indicator (J52-520-450):

- Travel: 1"
- Reading: .001"
- Continuous reading: 0-100
- Tolerance markers
- AGD Group 2, 2-1/4" dia.
- Lugback and carbide point
- Robust, shockproof design
- Rubber bellows on stem
- O-ring seal on safety cap
- O-ring protection for bezel and rotating dial
- Sealed back plate



NEW!



Order No.	Description	List Price	Sale Price
J52-580-450	NEW X-Proof Gage Stand	\$177.20	\$115.00

12" WORKSHOP TRANSFER X-STAND

*The Workshop Transfer Stand
is compact in size and lightweight!*

Adjusts a variety of ways!



- Overall height 12"
- Revolutionary design
- Large range fine adjustment
- Perfect for applications where the stand is moved and/or needs to be transported from location to location
- Hold test indicators or dial gages with dovetail holders & special adaptors
- Large capacity positioning range
- Can be locked in any position
- Base 3" wide x 3.54" long
- Large handwheel provides fine adjustment
- Stainless steel construction
- Packed in a high quality aluminum case
- Weight 4.8 lbs. (2.2 kg)



Order No.	Description	List Price	Sale Price
J52-620-717	12" Workshop Transfer X-Stand	\$108.90	\$89.95

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

PROTRACTORS

XTRA-VALUE 9" ELECTRONIC LEVEL

Fowler's 9" Laser Level provides instant 4 x 90° digital inclination display. With embedded magnets on its measuring surface, a beamsplitter projects a 90° laser cross hair for leveling at-a-distance. It also includes a 1/4-20 mount for tripod use.

- Measuring range: 4 x 90°
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: ±.05
- Standard 9 volt battery (250 hours life)
- Dimensions: 9"L x 1"W x 2-1/4"H
- Includes two-way level and plumb vials
- Reversible reading for inverted use



Order No.	Description	List Price	Sale Price
J54-440-600	Xtra-Value 9" Electronic Level	\$67.15	\$55.99

mini-MAG Protractor



Dimensions:
L: 2.375" x W: 1.375" x H: 2.375"

The mini-MAG Protractor provides instant 360° digital inclination display of any angle with the additional unique feature of embedded magnets on both sides and the bottom which make it ideal for a variety of measurements.

- Embedded magnets with 3.5lb. pull
- Uses standard 9V battery (250 hrs.)
- Measuring range: 360° (4 x 90°)
- Display automatically inverts
- Resolution: .05°
- Accuracy: ±.2°
- Repeatability: .05°
- Hold feature



Display inverts for easy reading!

Order No.	Description	List Price	Sale Price
J54-422-450-1	Mini-Mag Protractor	\$89.55	\$69.50

Fowler Digi-Pro ELECTRONIC PROTRACTOR

The Digi-Pro electronic protractor includes embedded magnets for unique measurement areas. On/Off, Zero, Hold and Reverse feature to invert the display for easier reading in certain situations.

- Embedded 25 lb. pull magnets
- Full, 360° measuring range
- Accuracy: ±.2°
- Repeatability: ±.05°
- Resolution: .05°
- Invertible display feature
- Voltage: Standard 3V lithium battery



USE THE DIGI-PRO TO MAKE FAST AND ACCURATE ANGULAR MEASUREMENTS!

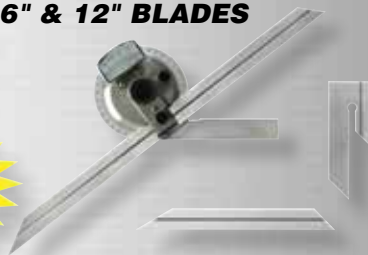
Order No.	Description	List Price	Sale Price
J54-440-740-1	4" Digi-Pro Electronic Protractor	\$82.50	\$62.80
J54-440-775-1	12" Digi-Pro Electronic Protractor	98.95	67.80
J54-100-350	CR2032 Battery	5.50	

PROTRACTORS

BEVEL PROTRACTOR with 6" & 12" BLADES

- Magnifier for vernier
- Includes 6" & 12" blades and an angle attachment.
- Satin chrome finish for easy readings in 0-90° sectors.
- Graduation: 360°
- Reading to 5 minutes with vernier.
- Includes fitted case.

**Save
50%**



Order No.	Description	List Price	Sale Price
J52-440-612	Bevel Protractor	\$211.70	\$100.00

UNIVERSAL DIAL PROTRACTOR with 6" & 12" BLADES

- Each dial graduation: 5 minutes
- Wide spaced graduations
- Hardened stainless steel construction with satin chrome finish for easy reading.
- Includes lock and acute angle attachment.
- Includes 6" & 12" blades.
- Supplied in fitted case.



Order No.	Description	List Price	Sale Price
J52-440-777	Universal Dial Protractor	\$164.65	\$98.50

ELECTRONIC UNIVERSAL PROTRACTOR

with 6" & 12" Blades

- Hardened stainless steel
- Range selection: 1x360°, 2x180°, 4x90°
- Dual reading LCD display arc minutes/decimal degrees
- Preset function
- 6" and 12" blades and acute angle attachment included.
- Fine adjustment
- Measuring range: 0-360°
- Resolution: 30 seconds
- Accuracy: ±5 minutes



Order No.	Description	List Price	Sale Price
J54-440-750	Electronic Universal Protractor	\$294.50	\$255.00

RECTANGULAR HEAD PROTRACTOR

- Measures angles from 0-180 degrees
- Used to transfer angles and to set bevels
- 6" arm with knurled thumb lock nut
- Made of chrome steel with satin finish
- Measures 3-5/16" x 2". Rectangular head provides four working edges
- Blade secured firmly at any angle by a lock joint and knurled nut

**Save
over 50%**



Order No.	Description	List Price	Sale Price
J52-440-010	Rectangular Head Protractor	\$49.30	\$19.95

LEVELS

WYLER CLINOTRONIC PLUS

The Fowler/WYLER Clinotronic Plus is an electronic level with unsurpassed versatility. It is economically priced, uses a specially designed microprocessor and the well-proven WYLER inclination sensor.

Features:

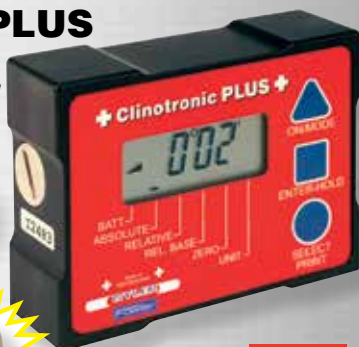
- Range of $\pm 45^\circ$, capacity of 0-360°
- Resolution of 0.01° (selectable)
- Adjustable base length
- Built-in calibration program
- Uses standard 1.5v AA batteries
- Desired units to be selected by push button
- Automatic setting of zero by push button command
- Display: use any units common to inclination measurements
- Absolute or relative measuring mode selectable by push button
- Seal-tec technology for excellent performance even in difficult environmental conditions
- Interface connection RS232 is integrated. Special purpose cables available
- Low battery indication
- No loss of calibration data by power failure
- Price includes fitted case

Technical Specifications:

- Measuring range/capacity: $\pm 45^\circ/0-360^\circ$
- Response time: value available within 5 seconds
- Repeatability: $< 0.1^\circ$
- Linearity: within 3 min. of arc
- Temp. coefficient: less than $0.01^\circ/\text{C}$
- Data output: Serial
- Battery: Standard AA 1.5V alkaline/130hrs or AA 3.0V MnO₂-Lithium (for longer operation 300/hrs)
- Housing: aluminum hard anodized.
- Dimensions: 4 x 3 x 1" (100 x 75 x 30mm)
- Weight: 13 oz. (380 grams)
- Temp. range: operational 0 to 40°C

**Save
\$200**

**FREE Fowler Hat
with Purchase!**



**Fowler
RS-232
DIRECT**

**The following measuring units may be selected:**

Deg/Arcmin	00° 00'
Arcmin / Arcsec	00' 00"
GON / Neugrad (2 Dec)	00.00 gon
GON / Neugrad (4 Dec)	.0000 gon
mm / rel.Basis (2 Dec)	00.00 mm/m
mm / rel.Basis (4 Dec)	.0000 mm/m
Inch / rel.Basis (4 Dec)	.0000"/10"
artillery per mille A‰	0000
mm / m (2 Dec)	00.00 mm/m
Inch / 10 Inches	.0000"/10"
Inch / 12 Inches	.0000"/12"
Milliradian	00.00 mrad (2Dec)
Milliradian	0000 mrad
Deg (2 Dec)	00.00 °
Deg (4 Dec)	.0000°

Order No.	Description	List Price	Sale Price
J54-635-601	Clinotronic Plus	\$1875.00	\$1675.00
J54-635-610	Replacement Battery	44.00	

WYLER MAGNETIC PRECISION SPIRIT LEVEL

WYLER Universal Spirit Levels feature an insulated handle. Main vial unit observed from above and from either side. The vial unit is set into a steel tube in a stress free location, and can be adjusted in the body of the Spirit Level by a fine thread and screw system. Hand scraped by Swiss craftsmen. Includes fitted case.

Features:

WYLER Magnetic Precision Spirit Level checks and levels cylinders, horizontal and vertical surfaces. Constructed with two prismatic measuring surfaces. Sensitivity .0002" per 10". Magnets to ensure complete adherence to vertical surfaces of parts and vertical arbors or shafts. Operators on milling and boring units, inspectors and fitters work with free hands.

**Save
over \$250.00**



NEW!

Order No.	Description	List Price	Sale Price
J53-422-048	NEW Magnetic Precision Spirit Level	\$2407.00	\$2150.00

SURFACE FINISH



PORTABLE ROUGHNESS TESTER II



- Small, compact size
- 2 selectable parameters: Ra and Rz
- Large LCD display
- Meets ISO and DIN standards
- N.I.S.T. traceable specimen included
- Uses 9 volt battery (approx. 3000 measurements)
- Includes fitted case

The X-Pro Portable Roughness Tester II can be used for many applications by selecting from a variety of accessories, including:

- Stand with swivel
- A variety of probes

For certain Applications, RS232 is available on certain models (contact the Fowler technical department for more information)



(X-Pro shown with optional stand with swivel.)

X-Pro Portable Roughness Tester II

Order No.	Description	List Price	Sale Price
J54-410-500	Portable Surface Roughness Tester .0004" probe	\$1644.50	\$1500.00
J54-410-600	Portable Surface Roughness Tester .0002" probe	1644.50	1500.00

X-Pro Portable Roughness Tester II Stand with Swivel

Order No.	Description	List Price
J54-400-896	Stand with Swivel Attachment	\$396.00

X-Pro Portable Roughness Tester II Probes and Accessories

Order No.	Description	Resolution	List Price
J54-400-319	General Purpose Probe	.0004"	\$547.80
J54-400-326	General Purpose Probe	.0002"	547.80
J54-420-321	Small Bore Probe	.0004"	715.00
J54-420-327	Small Bore Probe	.0002"	715.00
J54-420-301	Traverse Chisel Probe	.0004"	715.00
J54-420-302	Parallel Chisel Probe	.0004"	715.00
J54-420-328	Groove Bottom Probe	.0004"	715.00
J54-420-120	AC Adapter Kit		60.50

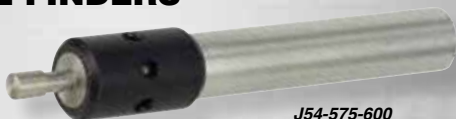
Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

ELECTRONIC EDGE FINDERS



- Six equally spaced light ports provide visibility at any angle
- Made in the USA
- Edge finder lights instantly when stylus touches work edge
- Repeatability: .0002"
- Works on any conductive metal



J54-575-600



J54-575-625



J54-575-650

Along with light indication, model #J54-575-650 emits an audible "beep" at time of contact.

Order No.	Stylus	Shank	Audible	Battery	List Price	Sale Price
J54-575-600	.200"	1/2"	NO	12 volt	\$28.00	\$22.85
J54-575-625	.200"	1/2"	NO	12 volt	98.75	87.95
J54-575-650	.400"	3/4"	YES	12 volt	98.75	87.95

EDGE FINDER SET

- 3/8" x .200" Edge Finder
- 1/2" x .200" Edge Finder
- 1/2" x .200" Combo Edge Finder
- 1/2" x .500" Edge Finder
- Complete in fitted case.



Order No.	Description	List Price	Sale Price
J52-575-125	Edge Finder Set	\$45.70	\$36.50

FOWLER/MIRAGE TOOL SET

patent pending

The Fowler/Mirage Tool Set is an easy and affordable way to set Z depths quickly and accurately!

- Can be operated directly off table or from machine vise
- Aluminum contact face eliminates carbide chipping on cutting tools
- Works on any conductive materials
- Repeatability: .0002"
- Block dimensions: 1" x 2" x 3" (nominal)
- Batteries included



Slowly lower cutting tool toward Tool Set...



...indicator will light up upon contact!

Order No.	Description	List Price	Sale Price
J54-575-750	Fowler/Mirage Tool Set	\$91.45	\$69.00

SHOP TOOLS

12" TELESCOPING GAGE

Another great tool for easy and accurate measurements. Under spring tension, the plungers of the gage expand from the center to the size of the hole being measured and are then locked in place using the knurled knob. Final hole size is obtained by measuring over the contacts with a micrometer or vernier caliper.

12" Reach!

- Contact points are constructed of hardened tool steel, precision ground.
- Double action rigid handle with self-centering feature for quick checking of inside measurements
- Constant spring tension for uniform feel
- **Covers a measuring range of 5/16" to 6" with measurable depths of 12"**
- Includes fitted vinyl case

NEW!



Order No.	Description	List Price	Sale Price
J52-470-007	NEW 12" Telescoping Gage Set	\$119.00	\$78.50

COAX-2D

2 DIMENSIONAL COAXIAL INDICATOR SETS

Use the 2D Coaxial Set for accurate component centering and positioning in most machining applications. The 2D Coaxial indicator can be used at any angle and the dial remains stationary during the rotation of the machine spindle.

Features:

- Indicator assembly with 1.6" (42.5mm) diameter dial
- Graduations and revolution counter .0005" (.01mm)
- 3 Internal and 3 External feelers
- Center point feeler
- Retraining arm
- Complete in a fitted case



GREAT SHOP TOOL!

**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION



J52-710-025

Specifications:

- Length: 6-7/8" (175mm)
- Shank: 3/8" dia. x 7/8" (10mm x 20mm) long
- Feeler ball: 1/8" (3mm) dia.
- Dial readings: 0-50
- Measuring range: .250" (6mm) axis offset
- Speed—recommended not to exceed approx. 800 RPM
- Locating accuracy to within .0002" (.005mm) of true center
- Capacity depends on feelers installed, but overall range is 5/32-12" (4-300mm) internal diameter; 0-12" (0-300mm) external diameter

Order No.	Description	List Price	Sale Price
J52-710-025	2D Coaxial Set-Inch	\$223.10	\$166.80
J52-710-030	2D Coaxial Set-Metric	223.10	166.80

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

X-BLOX® V-BLOCK SET

2 each @:

- Dimensions: 1-1/2" L x 1-1/4" W x 1-1/4" H.
- Work capacity: Approximately 1"

2 each @:

- Dimensions: 2" L x 1-1/2" W x 1-1/2" H.
- Work capacity: 1-1/2"

All feature:

- Surfaces are square and parallel within .0005"
- V-grooves are square and parallel with all surfaces within .0005"
- Corresponding dimensions for each pair are alike within .0005"
- All enclosed in shop-hardened case



Order No.	Description	List Price	Sale Price
J52-475-500	X-Blox V-Block Set	\$103.50	\$85.00

1-2-3 & 2-4-6 BLOCKS



J52-439-246

- 23 holes for easy clamping
- Sold in pairs
- Useful in layout & grinding work
- Accuracy: $\pm .0002$ "/1"
- Matched accuracy: $\pm .0002$ "

Order No.	Description	List Price	Sale Price
J52-439-031	1-2-3 Blocks	\$84.55	\$30.00
J52-439-246	2-4-6 Blocks	199.50	150.00

STEEL 1-2-3 BLOCKS



Save
over 50%

- Tolerance: .0001" (squareness per inch)
- Dimensions: 1" x 2" x 3"
- Hardened to 58-60 Rockwell C.
- Matched accuracy within $\pm .0002$ "

Order No.	List Price	Sale Price
J52-439-001	\$129.35	\$55.00

1/8" PREMIUM PARALLEL SET

- Made from high-grade alloy steel, hardened and ground from 1/8" stock with 2 holes in each parallel
- 10 pairs, 6" length, 1/8" width
- 1/2", 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2" & 1-5/8"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal
- Parallelism: $\pm .0002$ "
- Paired in height: $\pm .00015$ "
- Hardness 58-63 HRC

Order No.	Description	List Price	Sale Price
J52-437-125	1/8" Parallel Set	\$263.20	\$242.00



1/4" PREMIUM PARALLEL SET



- Made from high-grade alloy steel, hardened and ground from 1/4" stock with 2 holes in each parallel
- 9 pairs, 6" length, 1/4" width
- 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-5/8" & 1-3/4"
- Height specifications relate to consistency within each pair
- Absolute heights are nominal.
- Parallelism: $\pm .0002$ "
- Paired in height: $\pm .0002$ "
- Hardness 52-58 HRC

Order No.	Description	List Price	Sale Price
J52-437-250	1/4" Parallel Set	\$328.90	\$275.00

SHOP TOOLS

THICKNESS GAGES

- Each leaf of the thickness gage made of fine tempered steel, hardened
- The exact thickness is marked on each leaf
- Steel case with lock nut
- Meets U.S. Federal Specifications

NEW!



**TOOL-A-THON
BEST SELLER!**
FOWLER HIGH PRECISION

Order No.	Description	List Price	Sale Price
J52-485-006	NEW Tapered Thickness Gages-Inch.26 Leaf Set: .0015", .002", .0025", .003", .004", .005", .006", .007", .008", .009", .010", .011", .012", .013", .014", .015", .016", .017", .018", .019", .020", .021", .022", .023", .024" and .025". Length: 3".	\$14.00	\$11.99
J52-485-010	NEW Tapered Thickness Gages-Metric. 20 Leaf Set: 0.05mm, 0.10mm, 0.15mm, 0.20mm, 0.25mm, 0.30mm, 0.35mm, 0.40mm, 0.45mm, 0.50mm, 0.55mm, 0.60mm, 0.65mm, 0.70mm, 0.75mm, 0.80mm, 0.85mm, 0.90mm, 0.95mm and 1mm. Length: 100mm.	\$17.60	\$9.99

SCREW PITCH GAGES

NEW!



Screw Pitch Gage J52-485-015



Acme Screw Pitch Gage J52-485-030

Screw Pitch Gages

- Narrow designed blades permit use for internal and external screw threads
- Locking device at each end to secure all blades for storage or position
- Correct pitch is determined by matching blade teeth with threads
- Precisely ground and finished
- Blades marked with thread size

Acme Screw Pitch Gage (29° angle)

- Made of fine stainless steel. Each blade is 3-1/2"/90mm long and .03"/.8mm thick

Order No.	Description	List Price	Sale Price
Inch Series			
J52-485-015	NEW Screw Pitch Gage with 30 blades: 4 to 42 pitch standard V thread	\$10.45	\$7.99
Metric Series			
J52-485-020	NEW Screw Pitch Gage with 24 blades: 0.25mm to 6.0mm	10.45	7.99
Acme Series			
J52-485-030	NEW Acme Screw Pitch Gage with 16 blades (1, 1-1/3", 1-1/2", 1-3/4", 2, 2-1/2", 3, 3-1/2", 4, 5, 6, 7, 8, 9, 10 & 12 pitch)	91.30	85.00

THREAD MEASURING WIRE SET

NEW!

- Thread Measuring Wires include 48 wires in sixteen different sizes
- Accuracy for sizes .018" through .108" is within +0 / -.0004"; sizes .120" through .185" is within +0 / -.0005"
- Measures all U.S. 60° threads from 3-48 threads per inch
- Laminated conversion chart for 60° U.S and metric threads is included



Order No.	Description	List Price	Sale Price
J52-485-048	NEW Thread Measuring Wire Set: 48 Wires	\$28.00	\$19.99

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

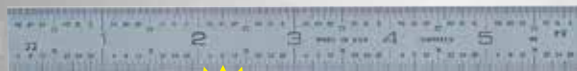
RULES

EZ-Read Black Face Rules

- Hardened stainless steel
- White easy-to-read micro-fine graduations against a black, non-glare finish



J52-297-006



J52-330-006

**Save
over 10%**

Golden Rules

- Titanium coated for superior wear resistance
- Non-glare finish=RC80
- Scratch resistant microfine graduations with excellent clarity and contrast

GRADUATIONS

4R: 8ths, 16ths, 32nds, 64ths

5R: 32nds, 64ths, 10ths, 100ths



J52-299-006

RIGID STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
J52-330-006	Satin Chrome	6"	4R	\$9.90	\$8.60
J52-337-006	Black	6"	4R	8.35	6.25
J52-339-006	Golden	6"	4R	20.60	17.25
J52-330-012	Satin Chrome	12"	4R	17.20	14.60
J52-337-012	Black	12"	4R	17.20	10.70
J52-339-012	Golden	12"	4R	39.55	33.80
J52-340-006	Satin Chrome	6"	5R	9.50	7.55
J52-347-006	Black	6"	5R	8.35	6.25
J52-349-006	Golden	6"	5R	20.60	17.25
J52-340-012	Satin Chrome	12"	5R	15.60	14.60
J52-347-012	Black	12"	5R	17.20	10.95
J52-349-012	Golden	12"	5R	39.55	33.80

FLEXIBLE STEEL RULES

Order No.	Finish	Size	Reading	List Price	Sale Price
J52-295-006	Satin Chrome	6"	4R	\$9.50	\$7.05
J52-297-006	Black	6"	4R	7.80	5.75
J52-299-006	Golden	6"	4R	20.30	17.70
J52-295-012	Satin Chrome	12"	4R	14.60	13.00
J52-297-012	Black	12"	4R	12.00	9.90
J52-299-012	Golden	12"	4R	36.40	31.20
J52-300-006	Satin Chrome	6"	5R	9.50	7.05
J52-307-006	Black	6"	5R	7.80	5.75
J52-309-006	Golden	6"	5R	20.30	17.70
J52-300-012	Satin Chrome	12"	5R	14.60	13.00
J52-307-012	Black	12"	5R	12.00	9.90
J52-309-012	Golden	12"	5R	36.40	31.20

6"/150MM POCKET STEEL RULE



- Rounded edge prevents damage to shirt pocket
- Rule width: .470"
- Inch graduations are in 64ths
- Rule thickness: .021"
- Metric scale is in 1mm increments



Order No.	Description	List Price	Sale Price
J52-380-100	6"/150mm Pocket Steel Rule	\$6.25	\$4.95

SHOP TOOLS

COMBINATION SQUARES

- Blades are chrome plated, fully hardened and tempered, graduated in 8ths, 16ths, 32nds and 64ths
- Finished in black enamel
- Square head has level and scribe point
- Double indexed protractor is graduated 180° in both directions



J52-370-012

Order No.	Description	List Price	Sale Price
J52-373-012	Square Head with 12" blade	\$82.50	\$73.00
J52-386-006	Square and Center Head with 6" blade	112.00	50.00
J52-370-012	Square, Protractor and Center Head with 12" blade	165.90	129.80

STEEL SQUARES & SETS

- Made of the finest carbon tool steel, these economy squares have true right angles both inside and outside
- Beams and blades ground and lapped for straightness and parallelism
- Hardened blade
- Beam grooved at inner corner for clearance of burrs and dirt
- Squareness of blade edge to the working face: 2" & 3" = $\pm .0006"$, 4" & 6" = $\pm .0008"$, 9" & 12" = $\pm .0012"$

Blade Size	Beam Size
2"	1.5"
3"	2.5"
4"	3"
6"	4"
9"	6"
12"	8"

Sets come complete in a "Shop Hardened" molded case!



J52-432-246

Order No.	Size/Description	List Price	Sale Price
J52-432-444	3 Piece Square Set: 2", 4" & 6" with shop hardened case	\$52.00	\$47.75
J52-432-246	4 Piece Square Set: 2", 3", 4" & 6" with shop hardened case	61.90	53.95
J52-432-469	4 Piece Square Set: 4", 6", 9" & 12" with shop hardened case	103.95	102.75
J52-432-004	4" Square only	18.75	17.00
J52-432-006	6" Square only	20.80	18.25
J52-432-009	9" Square only	41.60	38.50
J52-432-012	12" Square only	70.75	64.50

Z-HEIGHT



- Direct Inch/Metric Conversion
- Accuracy:
 - 0-12" model: $\pm .0015"$
 - 0-18" model: $\pm .002"$
 - 0-24" model: $\pm .003"$
- Resolution .0005" (.01mm)
- Large, high contrast LCD display
- Hold feature
- ABS/INC Measurement
- Floating zero
- Positive lock
- Includes molded case
- Carbide scribe



J54-175-012

24" TWIN BEAM HEIGHT GAGE

- Separate digit counters register both upward & downward travel
- Zero setting can be obtained throughout the gage's range
- Coarse readings in .100" graduations; fine readings taken on indicator are .001"
- Dual chrome plated beams
- Carbide-tipped scribe
- Base is hardened, ground & lapped for maximum flatness



Order No.	Range	List Price	Sale Price
J54-175-012	0-12"/0-300mm	\$465.90	\$331.20
J54-175-018	0-18"/0-450mm	543.20	391.20
J54-175-024	0-24"/0-600mm	611.50	465.80
J54-100-350	CR2032 Battery	5.50	

Order No.	Range	List Price	Sale Price
J52-174-224	24"	\$682.10	\$409.50

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

METAL ETCHING PEN

A "must" for any tool room and machine shop for general marking purposes, Fowler's metal etching pen is used on copper, copper alloy, stainless steel, hardened steel tools and castings, etc.

Use it to initial personal tools. Its low-cost, disposable design offers limitless applications.

NEW!


Personalize your tools!

Order No.	Description	List Price	Sale Price
J52-730-005	NEW Disposable Felt Tip Metal Etching Pen, overall length is 6-1/4"	\$17.35	\$14.85

STEEL SCRIBERS



- Aluminum knurled steel tubing body
- Chuck holds hardened tempered scriber point, which is removable and replaceable

Order No.	Description	Overall Length	List Price	Sale Price
J52-515-005	Pocket Scriber	5.625"	\$4.70	\$2.60



- Fine quality steel blade with fully hardened points
- Chrome finished with knurled handle
- Hook point on opposite end

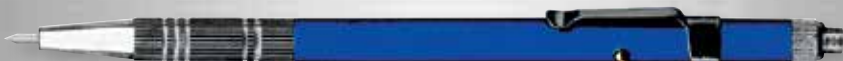
Order No.	Description	Overall Length	List Price	Sale Price
J52-515-025	Point Scriber	8.5"	\$4.70	\$2.60

CARBIDE TIPPED SCIBER VALUES!



- Lightweight
- Retractable carbide tip
- Knurled grip
- Machined aluminum body
- Pocket clip

Order No.	Description	Overall Length	List Price	Sale Price
J52-500-050	Carbide Super Scriber	6.5"	\$29.90	\$26.80
J52-500-055	Carbide Refill		9.50	



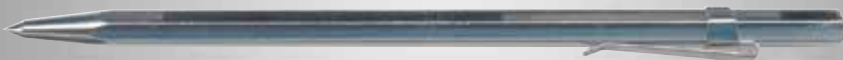
- Lightweight
- Retractable carbide tip
- Fluted grip
- Blue anodized aluminum body
- Pocket clip

Order Number	Description	Overall Length	List Price	Sale Price
J52-500-000	Pocket Carbide Scriber	6.0"	\$16.00	\$11.50
J52-515-046	Carbide Refill		6.05	



- Heavy duty
- Replaceable carbide tip
- Knurled grip
- Pocket clip
- Magnetic end cap

Order No.	Description	Overall Length	List Price	Sale Price
J52-500-080	Replaceable Tip Carbide w/magnetic end cap	5.75"	\$8.60	\$5.75
J52-500-085	Carbide Refill		1.75	



- Heavy duty
- Fixed carbide tip
- Pencil-like design
- Pocket clip

Order No.	Description	Overall Length	List Price	Sale Price
J52-500-090	Fixed Tip Scriber	6.0"	\$5.80	\$3.50

SHOP TOOLS

SUPER HEAVY DUTY AUTOMATIC CENTER PUNCH



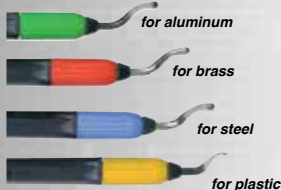
- Handle constructed in steel. Four knurled bands provide a sturdy grip
- Moveable components are made from tool steel and hardened
- The point is easily removed for sharpening
- The pressure of marking is controlled by rotating the knurled cap. Screw the cap down for heavy indentations and screw the cap upward for lighter markings.

Order No.	Description	List Price	Sale Price
J52-500-290	Super Heavy Duty Automatic Center Punch	\$19.80	\$14.00

4 PIECE DEBURRING CUTTER SET

4pc Deburring Cutter Set features four separate color coded cutters. Each color indicates the material that the cutter is intended for.

- Colored sleeves rotate to lock and unlock blades for easy changing
- Unique rounded head for safe deburring of drilled and machined holes, end-milled areas, tubing, backsides of holes, and numerous other uses
- Curved blades swivel freely to automatically follow shapes, contours and holes



Order No.	Description	List Price	Sale Price
J52-483-777	4 pc. Deburring Cutter Set	\$14.85	\$12.50

X-GLIDE Lubricant and Protectant

- Specifically formulated for precision tools
- Synthetic lubricant enriched with multiple anti-friction additives
- Sub-micron particle size allows for maximum penetration and durability
- Antistatic additive prevents the attraction of dust and dirt
- Contains no solvents, propellants or flammable gases
- PH neutral
- 2.5 oz. spray bottle

NEW!

**Save
25%**



Order No.	Description	List Price	Sale Price
J53-885-105	NEW X-Glide	\$10.00	\$7.50

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

X-TRA RANGE 20X EXTENDED RANGE MICROSCOPE

Fowler's Extended Range Microscope is ideal for viewing the surface of items that will not fit conventional microscope plates.



- 10X eyepieces with adjustable centers and rubber eyecups
- 2X objective lense
- Top swiveling light source - 12 volt lamp, 110V supply
- Positive rack and pinion focusing
- Articulated 12" long extension arm
- Heavy base plate insures stability and houses transformer which measures 5" x 8" x 2.5"
- Overall base and column height of 12"



Order No.	Description	List Price	Sale Price
J53-640-280	20X Microscope with Universal Stand	\$347.15	\$275.00
J53-640-281-1	Replacement bulb	11.20	

POCKET SCOPE & MICRO-LITE

Available in 20x or 40x

Pocket Scope

- Fixed focus, no moving parts-never loses focus.
- Accurate readings without adjusting
- Compact in size, under 5"
- Provides on-the-job viewing
- Special bevelled opening gathers and focuses light

Micro-Lite

- Invaluable for inspection and measurement of hard-to-see and reach places



Order No.	Description	Field of View	Scale Range	List Price	Sale Price
J52-662-020	20x Pocket-Scope with .002" reticle	.190"	0-.18"	\$32.65	\$25.50
J52-662-040	40x Pocket-Scope with .001" reticle	.082"	0-.07"	32.65	25.50
J52-662-045	Micro-Light (uses AAA battery not included)			23.30	12.00
J52-662-050	20x Pocket Scope & Micro-Lite Set			54.95	35.00
J52-662-055	40x Pocket Scope & Micro-Lite Set			54.95	35.00

SHOP TOOLS

Fowler

TOOL-A-THON

DIGITAL ROCKWELL HARDNESS TESTER

A high quality precision instrument that uses the Rockwell A, B and C scales for measuring hardness. Featuring ease of operation, automatic loading and unloading, automatic holding of test force and an easy-to-read LCD.

Features:

- New, advanced, multi-function indicator readout
- Full color LED display
- Built in hardness calculator statistics function
- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .02 of a Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,

Horizontal = 6.5"/165mm (from centerline)

Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover

**Save
10%**

NEW!



Order No.	Description	List Price	Sale Price
J54-770-650-1	NEW Digital Rockwell Hardness Tester	\$5170.00	\$4653.00

ANALOG ROCKWELL HARDNESS TESTER

A high quality precision instrument that uses the Rockwell A, B, C and F scales for measuring hardness. A reasonably priced solution for those requiring precision and durability.

Features:

- Standards: EN-ISO 6508 and ASTM-E18
- Resolution: .5 Rockwell unit
- Test loads: 10 kgf preload/60, 100, 150 kgf load
- Rockwell scales: A, B, C, F
- Testing space: Vertical = 6.7"/170mm,

Horizontal = 6.5"/165mm (from centerline)

Accessories included:

- Diamond Rockwell indenter
- Rockwell ball indenter 1/16"
- ±60HRC Hardness test block
- ±25HRC Hardness test block
- ±85HRB Hardness test block
- Flat anvil 60mm ø
- Large flat anvil 150mm ø
- V-anvil 40mm ø
- Adjustable feet
- Protective spindle cover

**Save
10%**



Order No.	Description	List Price	Sale Price
J53-770-600	Analog Rockwell Hardness Tester	\$2194.50	\$1970.00

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

SHOP TOOLS

TOOL MASTER LITE TOOL PRESETTER

Fowler's **NEW** Tool Presetter Stand for maximum productivity with ultimate user-friendliness. Tool Master Lite is a simple and user friendly presetter.

Introductory Offer 10% off

NEW!

- User friendly
- Swiss quality
- Reduces setup times
- Measures all types of tooling
- No connection to power or compressed air needed
- Needle bearing tool pot can be used with various adaptors, contact Fowler's technical department for details
- Easy to use digital display for each axis
- High concentricity needle bearing tool pot
- Maximum measuring repeatability
- Smooth ball bearing guides

Technical Data

Measuring Range	X axis 9.8"/250mm, Z axis 11.8"/300mm
Accuracy (X and Z)	.0008"/.02mm
Fine Adjustment	X axis
Tool Mounting	Needle bearing SK 50 - standard
Measuring Method	Contact
Dimensions	420 x 150 x 590mm
Weight	23 kg
Power	Battery (AA type)



Order No.	Description	List Price	Sale Price
J54-188-777	NEW Tool Master Lite Tool Presetter	\$6795.00	\$6115.00

Fowler Mobile Tech Center



Fowler

TOOL-A-THON



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Fowler's Newest & Most Popular Precision Tools and Technologies are on the road and going across the country in Fowler's NEW Mobile Tech Center!

For details and information about getting the Fowler Mobile Tech Center to your location, contact the Vice President of Sales, Jeff Petersen, at jeffp@fvfowler.com

Be sure to use the "J" prefix when ordering Tool-A-Thon specials.

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